

# Emmet Documentation

## Syntax

### Child: >

#### nav>ul>li

```
<nav>
  <ul>
    <li></li>
  </ul>
</nav>
```

### Sibling: +

#### div+p+bq

```
<div></div>
<p></p>
<blockquote></blockquote>
```

### Climb-up: ^

#### div+div>p>span+em^bq

```
<div></div>
<div>
  <p><span></span><em></em></p>
  <blockquote></blockquote>
</div>
```

#### div+div>p>span+em^^bq

```
<div></div>
<div>
  <p><span></span><em></em></p>
</div>
<blockquote></blockquote>
```

### Grouping: ()

#### div>(header>ul>li\*2>a)+footer>p

```
<div>
  <header>
    <ul>
      <li><a href=""></a></li>
      <li><a href=""></a></li>
    </ul>
  </header>
  <footer>
    <p></p>
  </footer>
</div>
```

```
</header>
<footer>
  <p></p>
</footer>
</div>
```

#### (div>dl>(dt+dd)\*3)+footer>p

```
<div>
  <dl>
    <dt></dt>
    <dd></dd>
    <dt></dt>
    <dd></dd>
    <dt></dt>
    <dd></dd>
  </dl>
</div>
<footer>
  <p></p>
</footer>
```

### Multiplication: \*

#### ul>li\*5

```
<ul>
  <li></li>
  <li></li>
  <li></li>
  <li></li>
  <li></li>
</ul>
```

### Item numbering: \$

#### ul>li.item\$\*5

```
<ul>
  <li class="item1"></li>
  <li class="item2"></li>
  <li class="item3"></li>
  <li class="item4"></li>
  <li class="item5"></li>
</ul>
```

#### h\$[title=item\$]{Header \$}\*3

```
<h1 title="item1">Header 1</h1>
<h2 title="item2">Header 2</h2>
<h3 title="item3">Header 3</h3>
```

#### ul>li.item\$\$\$\*5

```
<ul>
  <li class="item001"></li>
  <li class="item002"></li>
  <li class="item003"></li>
  <li class="item004"></li>
  <li class="item005"></li>
</ul>
```

```
<li class="item004"></li>
<li class="item005"></li>
</ul>
```

## ul>li.item\$@-\*5

```
<ul>
  <li class="item5"></li>
  <li class="item4"></li>
  <li class="item3"></li>
  <li class="item2"></li>
  <li class="item1"></li>
</ul>
```

## ul>li.item\$@3\*5

```
<ul>
  <li class="item3"></li>
  <li class="item4"></li>
  <li class="item5"></li>
  <li class="item6"></li>
  <li class="item7"></li>
</ul>
```

## ID and CLASS attributes

### #header

```
<div id="header"></div>
```

### .title

```
<div class="title"></div>
```

### form#search.wide

```
<form id="search" class="wide"></form>
```

### p.class1.class2.class3

```
<p class="class1 class2 class3"></p>
```

## Custom attributes

### p[title="Hello world"]

```
<p title="Hello world"></p>
```

### td[rowspan=2 colspan=3 title]

```
<td rowspan="2" colspan="3" title=""></td>
```

### [a='value1' b="value2"]

```
<div a="value1" b="value2"></div>
```

## Text: {}

### a{Click me}

```
<a href="">Click me</a>
```

### p>{Click }+a{here}+{ to continue}

```
<p>Click <a href="">here</a> to continue</p>
```

## Implicit tag names

### .class

```
<div class="class"></div>
```

### em>.class

```
<em><span class="class"></span></em>
```

### ul>.class

```
<ul>
  <li class="class"></li>
</ul>
```

### table>.row>.col

```
<table>
  <tr class="row">
    <td class="col"></td>
  </tr>
</table>
```

## HTML

All unknown abbreviations will be transformed to tag, e.g. foo → <foo></foo>.

## !

```
Alias of html:5
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <title>Document</title>
</head>
<body>

</body>
</html>
```

## a

```
<a href=""></a>
```

## **a:link**

```
<a href="http://"></a>
```

## **a:mail**

```
<a href="mailto:"></a>
```

## **abbr**

```
<abbr title=""></abbr>
```

## **acronym, acr**

```
<acronym title=""></acronym>
```

## **base**

```
<base href="" />
```

## **basefont**

```
<basefont />
```

## **br**

```
<br />
```

## **frame**

```
<frame />
```

## **hr**

```
<hr />
```

## **bdo**

```
<bdo dir=""></bdo>
```

## **bdo:r**

```
<bdo dir="rtl"></bdo>
```

## **bdo:l**

```
<bdo dir="ltr"></bdo>
```

## **col**

```
<col />
```

## **link**

```
<link rel="stylesheet" href="" />
```

## **link:css**

```
<link rel="stylesheet" href="style.css" />
```

## **link:print**

```
<link rel="stylesheet" href="print.css"
media="print" />
```

## **link:favicon**

```
<link rel="shortcut icon" type="image/
x-icon" href="favicon.ico" />
```

## **link:touch**

```
<link rel="apple-touch-icon" href="favicon.
png" />
```

## **link:rss**

```
<link rel="alternate" type="application/
rss+xml" title="RSS" href="rss.xml" />
```

## **link:atom**

```
<link rel="alternate" type="application/
atom+xml" title="Atom" href="atom.xml" />
```

## **link:import, link:im**

```
<link rel="import" href="component.html" />
```

## **meta**

```
<meta />
```

## **meta:utf**

```
<meta http-equiv="Content-Type"
content="text/html;charset=UTF-8" />
```

## **meta:win**

```
<meta http-equiv="Content-Type"
content="text/html;charset=windows-1251" />
```

## **meta:vp**

```
<meta name="viewport" content="width=device-
width, user-scalable=no, initial-scale=1.0,
maximum-scale=1.0, minimum-scale=1.0" />
```

## **meta:compat**

```
<meta http-equiv="X-UA-Compatible"
content="IE=7" />
```

## **style**

```
<style></style>
```

## **script**

```
<script></script>
```

## script:src

```
<script src=""></script>
```

## img

```
<img src="" alt="" />
```

## img:srcset, img:s

```
<img srcset="" src="" alt="" />
```

## img:sizes, img:z

```
<img sizes="" srcset="" src="" alt="" />
```

## picture

```
<picture></picture>
```

## source, src

```
<source />
```

## source:src, src:sc

```
<source src="" type="" />
```

## source:srcset, src:s

```
<source srcset="" />
```

## source:media, src:m

```
<source media="(min-width: )" srcset="" />
```

## source:type, src:t

```
<source srcset="" type="image/" />
```

## source:sizes, src:z

```
<source sizes="" srcset="" />
```

## source:media:type, src:mt

```
<source media="(min-width: )" srcset=""  
type="image/" />
```

## source:media:sizes, src:mz

```
<source media="(min-width: )" sizes=""  
srcset="" />
```

## source:sizes:type, src:zt

```
<source sizes="" srcset="" type="image/" />
```

## iframe

```
<iframe src="" frameborder="0"></iframe>
```

## embed

```
<embed src="" type="" />
```

## object

```
<object data="" type=""></object>
```

## param

```
<param name="" value="" />
```

## map

```
<map name=""></map>
```

## area

```
<area shape="" coords="" href="" alt="" />
```

## area:d

```
<area shape="default" href="" alt="" />
```

## area:c

```
<area shape="circle" coords="" href=""  
alt="" />
```

## area:r

```
<area shape="rect" coords="" href="" alt=""  
/>
```

## area:p

```
<area shape="poly" coords="" href="" alt=""  
/>
```

## form

```
<form action=""></form>
```

## form:get

```
<form action="" method="get"></form>
```

## form:post

```
<form action="" method="post"></form>
```

## label

```
<label for=""></label>
```

## input

```
<input type="text" />
```

## inp

```
<input type="text" name="" id="" />
```

## input:hidden, input:h

Alias of input[type=hidden name]  
<input type="hidden" name="" />

## input:text, input:t

Alias of inp  
<input type="text" name="" id="" />

## input:search

Alias of inp[type=search]  
<input type="search" name="" id="" />

## input:email

Alias of inp[type=email]  
<input type="email" name="" id="" />

## input:url

Alias of inp[type=url]  
<input type="url" name="" id="" />

## input:password, input:p

Alias of inp[type=password]  
<input type="password" name="" id="" />

## input:datetime

Alias of inp[type=datetime]  
<input type="datetime" name="" id="" />

## input:date

Alias of inp[type=date]  
<input type="date" name="" id="" />

## input:datetime-local

Alias of inp[type=datetime-local]  
<input type="datetime-local" name="" id="" />

## input:month

Alias of inp[type=month]  
<input type="month" name="" id="" />

## input:week

Alias of inp[type=week]  
<input type="week" name="" id="" />

## input:time

Alias of inp[type=time]  
<input type="time" name="" id="" />

## input:tel

Alias of inp[type=tel]  
<input type="tel" name="" id="" />

## input:number

Alias of inp[type=number]  
<input type="number" name="" id="" />

## input:color

Alias of inp[type=color]  
<input type="color" name="" id="" />

## input:checkbox, input:c

Alias of inp[type=checkbox]  
<input type="checkbox" name="" id="" />

## input:radio, input:r

Alias of inp[type=radio]  
<input type="radio" name="" id="" />

## input:range

Alias of inp[type=range]  
<input type="range" name="" id="" />

## input:file, input:f

Alias of inp[type=file]  
<input type="file" name="" id="" />

## input:submit, input:s

```
<input type="submit" value="" />
```

## input:image, input:i

```
<input type="image" src="" alt="" />
```

## input:button, input:b

```
<input type="button" value="" />
```

## isindex

```
<isindex />
```

## input:reset

Alias of input:button[type=reset]  
<input type="reset" value="" />

## select

<select name="" id=""></select>

## select:disabled, select:d

Alias of select[disabled.]  
<select name="" id="" disabled="disabled"></select>

## option, opt

<option value=""></option>

## textarea

<textarea name="" id="" cols="30" rows="10"></textarea>

## marquee

<marquee behavior="" direction=""></marquee>

## menu:context, menu:c

Alias of menu[type=context]>  
<menu type="context"></menu>

## menu:toolbar, menu:t

Alias of menu[type=toolbar]>  
<menu type="toolbar"></menu>

## video

<video src=""></video>

## audio

<audio src=""></audio>

## html:xml

<html xmlns="http://www.w3.org/1999/xhtml"></html>

## keygen

<keygen />

## command

<command />

## button:submit, button:s, btn:s

Alias of button[type=submit]  
<button type="submit"></button>

## button:reset, button:r, btn:r

Alias of button[type=reset]  
<button type="reset"></button>

## button:disabled, button:d, btn:d

Alias of button[disabled.]  
<button disabled="disabled"></button>

## fieldset:disabled, fieldset:d, fset:d, fst:d

Alias of fieldset[disabled.]  
<fieldset disabled="disabled"></fieldset>

## bq

Alias of blockquote  
<blockquote></blockquote>

## fig

Alias of figure  
<figure></figure>

## figcaption

Alias of figcaption  
<figcaption></figcaption>

## pic

Alias of picture  
<picture></picture>

## ifr

Alias of iframe  
<iframe src="" frameborder="0"></iframe>

## emb

Alias of embed  
<embed src="" type="" />

## obj

Alias of object  
<object data="" type=""></object>

## cap

Alias of caption  
<caption></caption>

## colg

Alias of colgroup  
<colgroup></colgroup>

## fst, fset

Alias of fieldset  
<fieldset></fieldset>

## btn

Alias of button  
<button></button>

## optg

Alias of optgroup  
<optgroup></optgroup>

## tarea

Alias of textarea  
<textarea name="" id="" cols="30" rows="10"></textarea>

## leg

Alias of legend  
<legend></legend>

## sect

Alias of section  
<section></section>

## art

Alias of article  
<article></article>

## hdr

Alias of header  
<header></header>

## ftr

Alias of footer  
<footer></footer>

## adr

Alias of address  
<address></address>

## dlg

Alias of dialog  
<dialog></dialog>

## str

Alias of strong  
<strong></strong>

## prog

Alias of progress  
<progress></progress>

## mn

Alias of main  
<main></main>

## tem

Alias of template  
<template></template>

## datag

Alias of datagrid  
<datagrid></datagrid>

## datal

Alias of datalist  
<datalist></datalist>

## kg

Alias of keygen  
<keygen />

## out

Alias of output  
<output></output>

## det

Alias of details  
<details></details>

## cmd

Alias of command  
<command />

## doc

Alias of html<(head>meta[charset=\${charset}]  
+title[\${1:Document}])+body  
<html>  
<head>  
  <meta charset="UTF-8" />  
  <title>Document</title>  
</head>  
<body>

```
</body>
</html>
```

## doc4

```
Alias of html>(head>meta[http-
equiv="Content-Type" content="text/html;charse
t=${charset}"+title${1:Document}])+body
<html>
<head>
  <meta http-equiv="Content-Type"
content="text/html;charset=UTF-8" />
  <title>Document</title>
</head>
<body>

</body>
</html>
```

## ri:dpr, ri:d

```
Alias of img:s
<img srcset="" src="" alt="" />
```

## ri:viewport, ri:v

```
Alias of img:g
<img sizes="" srcset="" src="" alt="" />
```

## ri:art, ri:a

```
Alias of pic>src:m+img
<picture>
  <source media="(min-width: )" srcset=""
/>
  <img src="" alt="" />
</picture>
```

## ri:type, ri:t

```
Alias of pic>src:t+img
<picture>
  <source srcset="" type="image/" />
  <img src="" alt="" />
</picture>
```

## html:4t

```
Alias of !!!4t+doc4[lang=${lang}]
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01
Transitional//EN" "http://www.w3.org/TR/html4/
loose.dtd">
<html lang="en">
<head>
  <meta http-equiv="Content-Type"
content="text/html;charset=UTF-8" />
  <title>Document</title>
</head>
<body>

</body>
```

```
</html>
```

## html:4s

```
Alias of !!!4s+doc4[lang=${lang}]
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML
4.01//EN" "http://www.w3.org/TR/html4/strict.
dtd">
<html lang="en">
<head>
  <meta http-equiv="Content-Type"
content="text/html;charset=UTF-8" />
  <title>Document</title>
</head>
<body>

</body>
</html>
```

## html:xt

```
Alias of !!!xt+doc4[xmlns=http://www.
w3.org/1999/xhtml xml:lang=${lang}]
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML
1.0 Transitional//EN" "http://www.w3.org/TR/
xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml"
xml:lang="en">
<head>
  <meta http-equiv="Content-Type"
content="text/html;charset=UTF-8" />
  <title>Document</title>
</head>
<body>

</body>
</html>
```

## html:xs

```
Alias of !!!xs+doc4[xmlns=http://www.
w3.org/1999/xhtml xml:lang=${lang}]
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/
xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml"
xml:lang="en">
<head>
  <meta http-equiv="Content-Type"
content="text/html;charset=UTF-8" />
  <title>Document</title>
</head>
<body>

</body>
</html>
```

## html:xss

```
Alias of !!!xss+doc4[xmlns=http://www.
w3.org/1999/xhtml xml:lang=${lang}]
```



```

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML
1.1//EN" "http://www.w3.org/TR/xhtml11/DTD/
xhtml11.dtd">
<html xmlns="http://www.w3.org/1999/xhtml"
xml:lang="en">
<head>
<meta http-equiv="Content-Type"
content="text/html; charset=UTF-8" />
<title>Document</title>
</head>
<body>

</body>
</html>

```

## html:5

Alias of !!!+doc[lang=\${lang}]

```

<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8" />
<title>Document</title>
</head>
<body>

</body>
</html>

```

## ol+

Alias of ol>li

```

<ol>
<li></li>
</ol>

```

## ul+

Alias of ul>li

```

<ul>
<li></li>
</ul>

```

## dl+

Alias of dl>dt+dd

```

<dl>
<dt></dt>
<dd></dd>
</dl>

```

## map+

Alias of map>area

```

<map name="">
<area shape="" coords="" href="" alt=""
/>
</map>

```

## table+

Alias of table>tr>td

```

<table>
<tr>
<td></td>
</tr>
</table>

```

## colgroup+, colg+

Alias of colgroup>col

```

<colgroup>
<col />
</colgroup>

```

## tr+

Alias of tr>td

```

<tr>
<td></td>
</tr>

```

## select+

Alias of select>option

```

<select name="" id="">
<option value=""></option>
</select>

```

## optgroup+, optg+

Alias of optgroup>option

```

<optgroup>
<option value=""></option>
</optgroup>

```

## pic+

Alias of picture>source:srcset+img

```

<picture>
<source srcset="" />
<img src="" alt="" />
</picture>

```

## !!!

```

<!DOCTYPE html>

```

## !!!4t

```

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01
Transitional//EN" "http://www.w3.org/TR/html4/
loose.dtd">

```

## !!!4s

```

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML
4.01//EN" "http://www.w3.org/TR/html4/strict.
dtd">

```

## !!!xt

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

## !!!xs

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
```

## !!!xxs

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.1//EN" "http://www.w3.org/TR/xhtml11/DTD/xhtml11.dtd">
```

## C

```
<!-- ${child} -->
```

## cc:ie6

```
<!--[if lte IE 6]>
  ${child}
<![endif]-->
```

## cc:ie

```
<!--[if IE]>
  ${child}
<![endif]-->
```

## cc:noie

```
<!--[if !IE]><!-->
  ${child}
<!--<![endif]-->
```

## CSS

CSS module uses fuzzy search to find unknown abbreviations, e.g. `ov:h == ov-h == ovh == oh`.

If abbreviation wasn't found, it is transformed into property name: `foo-bar` → `foo-bar`; |;

You can prefix abbreviations with hyphen to produce vendor-prefixed properties: `-foo`

## Visual Formatting

### pos

position:relative;

### pos:s

position:static;

### pos:a

position:absolute;

### pos:r

position:relative;

### pos:f

position:fixed;

### t

top;;

### t:a

top:auto;

### r

right;;

### r:a

right:auto;

### b

bottom;;

### b:a

bottom:auto;

### l

left;;

### l:a

left:auto;

### z

z-index;;

### z:a

z-index:auto;

### fl

float:left;

### fl:n

float:none;

**fl:l**

float:left;

**fl:r**

float:right;

**cl**

clear:both;

**cl:n**

clear:none;

**cl:l**

clear:left;

**cl:r**

clear:right;

**cl:b**

clear:both;

**d**

display:block;

**d:n**

display:none;

**d:b**

display:block;

**d:f**

display:flex;

**d:if**

display:inline-flex;

**d:i**

display:inline;

**d:ib**

display:inline-block;

**d:li**

display:list-item;

**d:ri**

display:run-in;

**d:cp**

display:compact;

**d:tb**

display:table;

**d:itb**

display:inline-table;

**d:tbc**

display:table-caption;

**d:tbc1**

display:table-column;

**d:tbc1g**

display:table-column-group;

**d:tbhg**

display:table-header-group;

**d:tbf**

display:table-footer-group;

**d:tbr**

display:table-row;

**d:tbrg**

display:table-row-group;

**d:tbc**

display:table-cell;

**d:rb**

display:ruby;

**d:rbb**

display:ruby-base;

**d:rbbg**

display:ruby-base-group;

**d:r**bt****

display:ruby-text;

**d:r**btg****

display:ruby-text-group;

**v**

visibility:hidden;

**v:v**

visibility:visible;

**v:h**

visibility:hidden;

**v:c**

visibility:collapse;

**ov**

overflow:hidden;

**ov:v**

overflow:visible;

**ov:h**

overflow:hidden;

**ov:s**

overflow:scroll;

**ov:a**

overflow:auto;

**ovx**

overflow-x:hidden;

**ovx:v**

overflow-x:visible;

**ovx:h**

overflow-x:hidden;

**ovx:s**

overflow-x:scroll;

**ovx:a**

overflow-x:auto;

**ovy**

overflow-y:hidden;

**ovy:v**

overflow-y:visible;

**ovy:h**

overflow-y:hidden;

**ovy:s**

overflow-y:scroll;

**ovy:a**

overflow-y:auto;

**ovs**

overflow-style:scrollbar;

**ovs:a**

overflow-style:auto;

**ovs:s**

overflow-style:scrollbar;

**ovs:p**

overflow-style:panner;

**ovs:m**

overflow-style:move;

**ovs:mq**

overflow-style:marquee;

**zoo, zm**

zoom:1;

**cp**

clip;;

**cp:a**

clip:auto;

## cp:r

clip:rect(top right bottom left);

## rsz

resize;;

## rsz:n

resize:none;

## rsz:b

resize:both;

## rsz:h

resize:horizontal;

## rsz:v

resize:vertical;

## cur

cursor:\${pointer};

## cur:a

cursor:auto;

## cur:d

cursor:default;

## cur:c

cursor:crosshair;

## cur:ha

cursor:hand;

## cur:he

cursor:help;

## cur:m

cursor:move;

## cur:p

cursor:pointer;

## cur:t

cursor:text;

## Margin & Padding

### m

margin;;

### m:a

margin:auto;

### mt

margin-top;;

### mt:a

margin-top:auto;

### mr

margin-right;;

### mr:a

margin-right:auto;

### mb

margin-bottom;;

### mb:a

margin-bottom:auto;

### ml

margin-left;;

### ml:a

margin-left:auto;

### p

padding;;

### pt

padding-top;;

### pr

padding-right;;

### pb

padding-bottom;;

## pl

```
padding-left;;
```

## Box Sizing

### bxz

```
box-sizing:border-box;
```

### bxz:cb

```
box-sizing:content-box;
```

### bxz:bb

```
box-sizing:border-box;
```

### bxsh

```
box-shadow:inset hoff voff blur color;
```

### bxsh:r

```
box-shadow:inset hoff voff blur spread  
rgb(0, 0, 0);
```

### bxsh:ra

```
box-shadow:inset h v blur spread rgba(0, 0,  
0, .5);
```

### bxsh:n

```
box-shadow:none;
```

## w

```
width;;
```

### w:a

```
width:auto;
```

## h

```
height;;
```

### h:a

```
height:auto;
```

## maw

```
max-width;;
```

### maw:n

```
max-width:none;
```

## mah

```
max-height;;
```

### mah:n

```
max-height:none;
```

## miw

```
min-width;;
```

## mih

```
min-height;;
```

## Font

## f

```
font;;
```

### f+

```
font:1em Arial,sans-serif;
```

### fw

```
font-weight;;
```

### fw:n

```
font-weight:normal;
```

### fw:b

```
font-weight:bold;
```

### fw:br

```
font-weight:bolder;
```

### fw:lr

```
font-weight:lighter;
```

## fs

```
font-style:${italic};
```

### fs:n

```
font-style:normal;
```

### fs:i

```
font-style:italic;
```

## **fs:o**

font-style:oblique;

## **fv**

font-variant:;

## **fv:n**

font-variant:normal;

## **fv:sc**

font-variant:small-caps;

## **fz**

font-size:;

## **fza**

font-size-adjust:;

## **fza:n**

font-size-adjust:none;

## **ff**

font-family:;

## **ff:s**

font-family:serif;

## **ff:ss**

font-family:sans-serif;

## **ff:c**

font-family:cursive;

## **ff:f**

font-family:fantasy;

## **ff:m**

font-family:monospace;

## **ff:a**

font-family: Arial, "Helvetica Neue",  
Helvetica, sans-serif;

## **ff:t**

font-family: "Times New Roman", Times,  
Baskerville, Georgia, serif;

## **ff:v**

font-family: Verdana, Geneva, sans-serif;

## **fef**

font-effect:;

## **fef:n**

font-effect:none;

## **fef:eg**

font-effect:engrave;

## **fef:eb**

font-effect:emboss;

## **fef:o**

font-effect:outline;

## **fem**

font-emphasize:;

## **femp**

font-emphasize-position:;

## **femp:b**

font-emphasize-position:before;

## **femp:a**

font-emphasize-position:after;

## **fems**

font-emphasize-style:;

## **fems:n**

font-emphasize-style:none;

## **fems:ac**

font-emphasize-style:accent;

## **fems:dt**

font-emphasize-style:dot;

## fems:c

font-emphasize-style:circle;

## fems:ds

font-emphasize-style:disc;

## fsm

font-smooth;;

## fsm:a

font-smooth:auto;

## fsm:n

font-smooth:never;

## fsm:aw

font-smooth:always;

## fst

font-stretch;;

## fst:n

font-stretch:normal;

## fst:uc

font-stretch:ultra-condensed;

## fst:ec

font-stretch:extra-condensed;

## fst:c

font-stretch:condensed;

## fst:sc

font-stretch:semi-condensed;

## fst:se

font-stretch:semi-expanded;

## fst:e

font-stretch:expanded;

## fst:ee

font-stretch:extra-expanded;

## fst:ue

font-stretch:ultra-expanded;

## Text

### va

vertical-align:top;

### va:sup

vertical-align:super;

### va:t

vertical-align:top;

### va:tt

vertical-align:text-top;

### va:m

vertical-align:middle;

### va:bl

vertical-align:baseline;

### va:b

vertical-align:bottom;

### va:tb

vertical-align:text-bottom;

### va:sub

vertical-align:sub;

### ta

text-align:left;

### ta:l

text-align:left;

### ta:c

text-align:center;

### ta:r

text-align:right;



**ta:j**

text-align:justify;

**ta-lst**

text-align-last:;

**tal:a**

text-align-last:auto;

**tal:l**

text-align-last:left;

**tal:c**

text-align-last:center;

**tal:r**

text-align-last:right;

**td**

text-decoration:none;

**td:n**

text-decoration:none;

**td:u**

text-decoration:underline;

**td:o**

text-decoration:overline;

**td:l**

text-decoration:line-through;

**te**

text-emphasis:;

**te:n**

text-emphasis:none;

**te:ac**

text-emphasis:accent;

**te:dt**

text-emphasis:dot;

**te:c**

text-emphasis:circle;

**te:ds**

text-emphasis:disc;

**te:b**

text-emphasis:before;

**te:a**

text-emphasis:after;

**th**

text-height:;

**th:a**

text-height:auto;

**th:f**

text-height:font-size;

**th:t**

text-height:text-size;

**th:m**

text-height:max-size;

**ti**

text-indent:;

**ti:-**

text-indent:-9999px;

**tj**

text-justify:;

**tj:a**

text-justify:auto;

**tj:iw**

text-justify:inter-word;

**tj:ii**

text-justify:inter-ideograph;

## **tj:ic**

text-justify:inter-cluster;

## **tj:d**

text-justify:distribute;

## **tj:k**

text-justify:kashida;

## **tj:t**

text-justify:tibetan;

## **to**

text-outline:;

## **to+**

text-outline:0 0 #000;

## **to:n**

text-outline:none;

## **tr**

text-replace:;

## **tr:n**

text-replace:none;

## **tt**

text-transform:uppercase;

## **tt:n**

text-transform:none;

## **tt:c**

text-transform:capitalize;

## **tt:u**

text-transform:uppercase;

## **tt:l**

text-transform:lowercase;

## **tw**

text-wrap:;

## **tw:n**

text-wrap:normal;

## **tw:no**

text-wrap:none;

## **tw:u**

text-wrap:unrestricted;

## **tw:s**

text-wrap:suppress;

## **tsh**

text-shadow:hoff voff blur #000;

## **tsh:r**

text-shadow:h v blur rgb(0, 0, 0);

## **tsh:ra**

text-shadow:h v blur rgba(0, 0, 0, .5);

## **tsh+**

text-shadow:0 0 0 #000;

## **tsh:n**

text-shadow:none;

## **lh**

line-height:;

## **lts**

letter-spacing:;

## **lts-n**

letter-spacing:normal;

## **whs**

white-space:;

## **whs:n**

white-space:normal;

## **whs:p**

white-space:pre;

## **whs:nw**

white-space:nowrap;

## **whs:pw**

white-space:pre-wrap;

## **whs:pl**

white-space:pre-line;

## **whsc**

white-space-collapse;;

## **whsc:n**

white-space-collapse:normal;

## **whsc:k**

white-space-collapse:keep-all;

## **whsc:l**

white-space-collapse:loose;

## **whsc:bs**

white-space-collapse:break-strict;

## **whsc:ba**

white-space-collapse:break-all;

## **wob**

word-break;;

## **wob:n**

word-break:normal;

## **wob:k**

word-break:keep-all;

## **wob:ba**

word-break:break-all;

## **wos**

word-spacing;;

## **wow**

word-wrap;;

## **wow:nm**

word-wrap:normal;

## **wow:n**

word-wrap:none;

## **wow:u**

word-wrap:unrestricted;

## **wow:s**

word-wrap:suppress;

## **wow:b**

word-wrap:break-word;

## **Background**

### **bg**

background:#000;

### **bg+**

background:#fff url() 0 0 no-repeat;

### **bg:n**

background:none;

### **bgc**

background-color:#fff;

### **bgc:t**

background-color:transparent;

### **bgi**

background-image:url();

### **bgi:n**

background-image:none;

### **bgr**

background-repeat;;

### **bgr:n**

background-repeat:no-repeat;

**bgr:x**

background-repeat:repeat-x;

**bgr:y**

background-repeat:repeat-y;

**bgr:sp**

background-repeat:space;

**bgr:rd**

background-repeat:round;

**bga**

background-attachment;;

**bga:f**

background-attachment:fixed;

**bga:s**

background-attachment:scroll;

**bgp**

background-position:0 0;

**bgpx**

background-position-x;;

**bgpy**

background-position-y;;

**bgbk**

background-break;;

**bgbk:bb**

background-break:bounding-box;

**bgbk:eb**

background-break:each-box;

**bgbk:c**

background-break:continuous;

**bgcp**

background-clip:padding-box;

**bgcp:bb**

background-clip:border-box;

**bgcp:pb**

background-clip:padding-box;

**bgcp:cb**

background-clip:content-box;

**bgcp:nc**

background-clip:no-clip;

**bgo**

background-origin;;

**bgo:pb**

background-origin:padding-box;

**bgo:bb**

background-origin:border-box;

**bgo:cb**

background-origin:content-box;

**bgsz**

background-size;;

**bgsz:a**

background-size:auto;

**bgsz:ct**

background-size:contain;

**bgsz:cv**

background-size:cover;

**Color****c**

color:#000;

**c:r**

color:rgb(0, 0, 0);

## **c:ra**

color:rgba(0, 0, 0, .5);

## **op**

opacity;;

## Generated content

## **cnt**

content:'';

## **cnt:n, ct:n**

content:normal;

## **cnt:oq, ct:oq**

content:open-quote;

## **cnt:noq, ct:noq**

content:no-open-quote;

## **cnt:cq, ct:cq**

content:close-quote;

## **cnt:ncq, ct:ncq**

content:no-close-quote;

## **cnt:a, ct:a**

content:attr();

## **cnt:c, ct:c**

content:counter();

## **cnt:cs, ct:cs**

content:counters();

## **ct**

content;;

## **q**

quotes;;

## **q:n**

quotes:none;

## **q:ru**

quotes:'\00AB' '\00BB' '\201E' '\201C';

## **q:en**

quotes:'\201C' '\201D' '\2018' '\2019';

## **coi**

counter-increment;;

## **cor**

counter-reset;;

## Outline

## **ol**

outline;;

## **ol:n**

outline:none;

## **olo**

outline-offset;;

## **olw**

outline-width;;

## **olw:tn**

outline-width:thin;

## **olw:m**

outline-width:medium;

## **olw:tc**

outline-width:thick;

## **ols**

outline-style;;

## **ols:n**

outline-style:none;

## **ols:dt**

outline-style:dotted;

## ols:ds

outline-style:dashed;

## ols:s

outline-style:solid;

## ols:db

outline-style:double;

## ols:g

outline-style:groove;

## ols:r

outline-style:ridge;

## ols:i

outline-style:inset;

## ols:o

outline-style:outset;

## olc

outline-color:#000;

## olc:i

outline-color:invert;

## Tables

### tbl

table-layout:;

### tbl:a

table-layout:auto;

### tbl:f

table-layout:fixed;

### cps

caption-side:;

### cps:t

caption-side:top;

## cps:b

caption-side:bottom;

## ec

empty-cells:;

## ec:s

empty-cells:show;

## ec:h

empty-cells:hide;

## Border

### bd

border:;

### bd+

border:1px solid #000;

### bd:n

border:none;

### bdbk

border-break:close;

### bdbk:c

border-break:close;

### bdc l

border-collapse:;

### bdc l:c

border-collapse:collapse;

### bdc l:s

border-collapse:separate;

### bdc

border-color:#000;

### bdc:t

border-color:transparent;

## **bdi**

`border-image:url();`

## **bdi:n**

`border-image:none;`

## **bdti**

`border-top-image:url();`

## **bdti:n**

`border-top-image:none;`

## **bdri**

`border-right-image:url();`

## **bdri:n**

`border-right-image:none;`

## **bdbi**

`border-bottom-image:url();`

## **bdbi:n**

`border-bottom-image:none;`

## **bdli**

`border-left-image:url();`

## **bdli:n**

`border-left-image:none;`

## **bdci**

`border-corner-image:url();`

## **bdci:n**

`border-corner-image:none;`

## **bdci:c**

`border-corner-image:continue;`

## **bdtli**

`border-top-left-image:url();`

## **bdtli:n**

`border-top-left-image:none;`

## **bdtli:c**

`border-top-left-image:continue;`

## **bdtri**

`border-top-right-image:url();`

## **bdtri:n**

`border-top-right-image:none;`

## **bdtri:c**

`border-top-right-image:continue;`

## **bdbri**

`border-bottom-right-image:url();`

## **bdbri:n**

`border-bottom-right-image:none;`

## **bdbri:c**

`border-bottom-right-image:continue;`

## **bdbli**

`border-bottom-left-image:url();`

## **bdbli:n**

`border-bottom-left-image:none;`

## **bdbli:c**

`border-bottom-left-image:continue;`

## **bdf**

`border-fit:repeat;`

## **bdf:c**

`border-fit:clip;`

## **bdf:r**

`border-fit:repeat;`

## **bdf:sc**

`border-fit:scale;`

## **bdf:st**

`border-fit:stretch;`

**bdf:ow**

border-fit:overwrite;

**bdf:of**

border-fit:overflow;

**bdf:sp**

border-fit:space;

**bdlen**

border-length;;

**bdlen:a**

border-length:auto;

**bdsp**

border-spacing;;

**bds**

border-style;;

**bds:n**

border-style:none;

**bds:h**

border-style:hidden;

**bds:dt**

border-style:dotted;

**bds:ds**

border-style:dashed;

**bds:s**

border-style:solid;

**bds:db**

border-style:double;

**bds:dtds**

border-style:dot-dash;

**bds:dtdtds**

border-style:dot-dot-dash;

**bds:w**

border-style:wave;

**bds:g**

border-style:groove;

**bds:r**

border-style:ridge;

**bds:i**

border-style:inset;

**bds:o**

border-style:outset;

**bdw**

border-width;;

**bd<sup>t</sup>, bt**

border-top;;

**bd<sup>t+</sup>**

border-top:1px solid #000;

**bd<sup>t</sup>:n**

border-top:none;

**bd<sup>t</sup>w**

border-top-width;;

**bd<sup>t</sup>s**

border-top-style;;

**bd<sup>t</sup>s:n**

border-top-style:none;

**bd<sup>t</sup>c**

border-top-color:#000;

**bd<sup>t</sup>c:t**

border-top-color:transparent;

**bdr, br**

border-right;;



## **bdr+**

`border-right:1px solid #000;`

## **bdr:n**

`border-right:none;`

## **bdrw**

`border-right-width;;`

## **bdrst**

`border-right-style;;`

## **bdrst:n**

`border-right-style:none;`

## **bdrcl**

`border-right-color:#000;`

## **bdrcl:t**

`border-right-color:transparent;`

## **bdb, bb**

`border-bottom;;`

## **bdb+**

`border-bottom:1px solid #000;`

## **bdb:n**

`border-bottom:none;`

## **bdbw**

`border-bottom-width;;`

## **bdbst**

`border-bottom-style;;`

## **bdbst:n**

`border-bottom-style:none;`

## **bdbcl**

`border-bottom-color:#000;`

## **bdbcl:t**

`border-bottom-color:transparent;`

## **bdl, bl**

`border-left;;`

## **bdl+**

`border-left:1px solid #000;`

## **bdl:n**

`border-left:none;`

## **bdlw**

`border-left-width;;`

## **bdlst**

`border-left-style;;`

## **bdlst:n**

`border-left-style:none;`

## **bdcl**

`border-left-color:#000;`

## **bdcl:t**

`border-left-color:transparent;`

## **bdrs**

`border-radius;;`

## **bdtrrs**

`border-top-right-radius;;`

## **bdtlrs**

`border-top-left-radius;;`

## **bdbrrs**

`border-bottom-right-radius;;`

## **bdbllrs**

`border-bottom-left-radius;;`

## **Lists**

### **lis**

`list-style;;`

## **lis:n**

list-style:none;

## **lisp**

list-style-position;;

## **lisp:i**

list-style-position:inside;

## **lisp:o**

list-style-position:outside;

## **list**

list-style-type;;

## **list:n**

list-style-type:none;

## **list:d**

list-style-type:disc;

## **list:c**

list-style-type:circle;

## **list:s**

list-style-type:square;

## **list:dc**

list-style-type:decimal;

## **list:dclz**

list-style-type:decimal-leading-zero;

## **list:lr**

list-style-type:lower-roman;

## **list:ur**

list-style-type:upper-roman;

## **lisi**

list-style-image;;

## **lisi:n**

list-style-image:none;

## **Print**

### **pgbb**

page-break-before;;

### **pgbb:au**

page-break-before:auto;

### **pgbb:al**

page-break-before:always;

### **pgbb:l**

page-break-before:left;

### **pgbb:r**

page-break-before:right;

### **pgbi**

page-break-inside;;

### **pgbi:au**

page-break-inside:auto;

### **pgbi:av**

page-break-inside:avoid;

### **pgba**

page-break-after;;

### **pgba:au**

page-break-after:auto;

### **pgba:al**

page-break-after:always;

### **pgba:l**

page-break-after:left;

### **pgba:r**

page-break-after:right;

### **orp**

orphans;;

## wid

```
widows;;
```

## Others

### !

```
!important
```

### @f

```
@font-face {  
  font-family::  
  src:url();  
}
```

### @f+

```
@font-face {  
  font-family: 'FontName';  
  src: url('FileName.eot');  
  src: url('FileName.eot?#iefix')  
  format('embedded-opentype'),  
  url('FileName.woff') format('woff'),  
  url('FileName.ttf') format('truetype'),  
  url('FileName.svg#FontName')  
  format('svg');  
  font-style: normal;  
  font-weight: normal;  
}
```

### @i, @import

```
@import url();
```

### @kf

```
@-webkit-keyframes identifier {  
  from { }  
  to { }  
}  
@-o-keyframes identifier {  
  from { }  
  to { }  
}  
@-moz-keyframes identifier {  
  from { }  
  to { }  
}  
@keyframes identifier {  
  from { }  
  to { }  
}
```

### @m, @media

```
@media screen {  
  
}
```

## ac

```
align-content::
```

### ac:c

```
align-content:center;
```

### ac:fe

```
align-content:flex-end;
```

### ac:fs

```
align-content:flex-start;
```

### ac:s

```
align-content:stretch;
```

### ac:sa

```
align-content:space-around;
```

### ac:sb

```
align-content:space-between;
```

## ai

```
align-items::
```

### ai:b

```
align-items:baseline;
```

### ai:c

```
align-items:center;
```

### ai:fe

```
align-items:flex-end;
```

### ai:fs

```
align-items:flex-start;
```

### ai:s

```
align-items:stretch;
```

## anim

```
animation::
```

## anim-

```
animation:name duration timing-function  
delay iteration-count direction fill-mode;
```

## animdel

animation-delay:time;

## animdir

animation-direction:normal;

## animdir:a

animation-direction:alternate;

## animdir:ar

animation-direction:alternate-reverse;

## animdir:n

animation-direction:normal;

## animdir:r

animation-direction:reverse;

## animdur

animation-duration:0s;

## animfm

animation-fill-mode:both;

## animfm:b

animation-fill-mode:backwards;

## animfm:bt, animfm:bh

animation-fill-mode:both;

## animfm:f

animation-fill-mode:forwards;

## animic

animation-iteration-count:1;

## animic:i

animation-iteration-count:infinite;

## animn

animation-name:none;

## animps

animation-play-state:running;

## animps:p

animation-play-state:paused;

## animps:r

animation-play-state:running;

## animtf

animation-timing-function:linear;

## animtf:cb

animation-timing-function:cubic-bezier(0.1, 0.7, 1.0, 0.1);

## animtf:e

animation-timing-function:ease;

## animtf:ei

animation-timing-function:ease-in;

## animtf:eio

animation-timing-function:ease-in-out;

## animtf:eo

animation-timing-function:ease-out;

## animtf:l

animation-timing-function:linear;

## ap

appearance:\${none};

## as

align-self;;

## as:a

align-self:auto;

## as:b

align-self:baseline;

## as:c

align-self:center;

## as:fe

align-self:flex-end;

## as:fs

align-self:flex-start;

## as:s

align-self:stretch;

## bfv

backface-visibility;;

## bfv:h

backface-visibility:hidden;

## bfv:v

backface-visibility:visible;

## bg:ie

```
filter:progid:DXImageTransform.  
Microsoft.AlphaImageLoader(src='x.  
png',sizingMethod='crop');
```

## cm

```
/* ${child} */
```

## colm

columns;;

## colmc

column-count;;

## colmf

column-fill;;

## colmg

column-gap;;

## colmr

column-rule;;

## colmrc

column-rule-color;;

## colmrs

column-rule-style;;

## colmrw

column-rule-width;;

## colms

column-span;;

## colmw

column-width;;

## d:ib+

```
display:inline-block;  
*display:inline;  
*zoom:1;
```

## fx

flex;;

## fxb

flex-basis;;

## fxd

flex-direction;;

## fxd:c

flex-direction:column;

## fxd:cr

flex-direction:column-reverse;

## fxd:r

flex-direction:row;

## fxd:rr

flex-direction:row-reverse;

## fxf

flex-flow;;

## fxg

flex-grow;;

## fxsh

flex-shrink;;

## **fxw**

flex-wrap: ;

## **fxw:n**

flex-wrap: nowrap;

## **fxw:w**

flex-wrap: wrap;

## **fxw:wr**

flex-wrap: wrap-reverse;

## **jc**

justify-content: ;

## **jc:c**

justify-content: center;

## **jc:fe**

justify-content: flex-end;

## **jc:fs**

justify-content: flex-start;

## **jc:sa**

justify-content: space-around;

## **jc:sb**

justify-content: space-between;

## **mar**

max-resolution: res;

## **mir**

min-resolution: res;

## **op+**

opacity: ;  
filter: alpha(opacity=);

## **op:ie**

filter: progid:DXImageTransform.Microsoft.  
Alpha(Opacity=100);

## **op:ms**

-ms-filter: 'progid:DXImageTransform.  
Microsoft.Alpha(Opacity=100)';

## **ord**

order: ;

## **ori**

orientation: ;

## **ori:l**

orientation: landscape;

## **ori:p**

orientation: portrait;

## **tov**

text-overflow: \${ellipsis};

## **tov:c**

text-overflow: clip;

## **tov:e**

text-overflow: ellipsis;

## **trf**

transform: ;

## **trf:r**

transform: rotate(angle);

## **trf:rx**

transform: rotateX(angle);

## **trf:ry**

transform: rotateY(angle);

## **trf:rz**

transform: rotateZ(angle);

## **trf:sc**

transform: scale(x, y);

## **trf:sc3**

transform: scale3d(x, y, z);

## **trf:scx**

transform: scaleX(x);

## **trf:scy**

transform: scaleY(y);

## **trf:scz**

transform: scaleZ(z);

## **trf:skx**

transform: skewX(angle);

## **trf:sky**

transform: skewY(angle);

## **trf:t**

transform: translate(x, y);

## **trf:t3**

transform: translate3d(tx, ty, tz);

## **trf:tx**

transform: translateX(x);

## **trf:ty**

transform: translateY(y);

## **trf:tz**

transform: translateZ(z);

## **trfo**

transform-origin;

## **trfs**

transform-style:preserve-3d;

## **trs**

transition:prop time;

## **trsde**

transition-delay:time;

## **trsdu**

transition-duration:time;

## **trsp**

transition-property:prop;

## **trstf**

transition-timing-function:tfunc;

## **us**

user-select:\${none};

## **wfsm**

-webkit-font-smoothing:\${antialiased};

## **wfsm:a**

-webkit-font-smoothing:antialiased;

## **wfsm:n**

-webkit-font-smoothing:none;

## **wfsm:s, wfsm:sa**

-webkit-font-smoothing:subpixel-antialiased;

## **wm**

writing-mode:lr-tb;

## **wm:btL**

writing-mode:bt-rl;

## **wm:btr**

writing-mode:bt-rl;

## **wm:lrb**

writing-mode:lr-bt;

## **wm:lrt**

writing-mode:lr-tb;

## **wm:rlb**

writing-mode:rl-bt;

## **wm:rlt**

writing-mode:rl-tb;

## **wm:tbl**

writing-mode:tb-rl;

## wm:tbr

```
writing-mode:tb-rl;
```

## XSL

### tmatch, tm

```
<xsl:template match="" mode=""></xsl:template>
```

### tname, tn

```
<xsl:template name=""></xsl:template>
```

### call

```
<xsl:call-template name="" />
```

### ap

```
<xsl:apply-templates select="" mode="" />
```

### api

```
<xsl:apply-imports />
```

### imp

```
<xsl:import href="" />
```

### inc

```
<xsl:include href="" />
```

### ch

```
<xsl:choose></xsl:choose>
```

### xsl:when, wh

```
<xsl:when test=""></xsl:when>
```

### ot

```
<xsl:otherwise></xsl:otherwise>
```

### if

```
<xsl:if test=""></xsl:if>
```

### par

```
<xsl:param name=""></xsl:param>
```

### pare

```
<xsl:param name="" select="" />
```

## var

```
<xsl:variable name=""></xsl:variable>
```

## vare

```
<xsl:variable name="" select="" />
```

## wp

```
<xsl:with-param name="" select="" />
```

## key

```
<xsl:key name="" match="" use="" />
```

## elem

```
<xsl:element name=""></xsl:element>
```

## attr

```
<xsl:attribute name=""></xsl:attribute>
```

## attrs

```
<xsl:attribute-set name=""></xsl:attribute-set>
```

## cp

```
<xsl:copy select="" />
```

## co

```
<xsl:copy-of select="" />
```

## val

```
<xsl:value-of select="" />
```

## each, for

```
<xsl:for-each select=""></xsl:for-each>
```

## tex

```
<xsl:text></xsl:text>
```

## com

```
<xsl:comment></xsl:comment>
```

## msg

```
<xsl:message terminate="no"></xsl:message>
```

## fall

```
<xsl:fallback></xsl:fallback>
```



## num

```
<xsl:number value="" />
```

## nam

```
<namespace-alias stylesheet-prefix="" result-  
prefix="" />
```

## pres

```
<xsl:preserve-space elements="" />
```

## strip

```
<xsl:strip-space elements="" />
```

## proc

```
<xsl:processing-instruction name=""></  
xsl:processing-instruction>
```

## sort

```
<xsl:sort select="" order="" />
```

## choose+

Alias of `xsl:choose>xsl:when+xsl:otherwise`

```
<xsl:choose>  
  <xsl:when test=""></xsl:when>  
  <xsl:otherwise></xsl:otherwise>  
</xsl:choose>
```

## xsl

Alias of `!!!+xsl:stylesheet[version=1.0 xmlns:xsl=http://  
www.w3.org/1999/XSL/Transform]>{  
 |}  
 <?xml version="1.0" encoding="UTF-8"?>  
 <xsl:stylesheet version="1.0"  
 xmlns:xsl="http://www.w3.org/1999/XSL/  
 Transform"></xsl:stylesheet>`

## !!!

```
<?xml version="1.0" encoding="UTF-8"?>
```