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<http://docs.emmet.io/>

**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>

(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>
```

**Naming and numbering: \$**

```
ul>li.sample$*5
<ul>
  <li class="sample1"></li>
  <li class="sample2"></li>
  <li class="sample3"></li>
  <li class="sample4"></li>
  <li class="sample5"></li>
</ul>
```

```
h${title=topic$}{Headline $}*3
<h1 title="topic1">Headline 1</h1>
<h2 title="topic2">Headline 2</h2>
<h3 title="topic3">Headline 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>
```

```
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>.

**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" />

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**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, Input, Button**

**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**  
 <input type="hidden" name="" />

**input:text, input:t**  
 <input type="text" name="" id="">

**input:search**  
 <input type="search" name="" id="">

**input:email**  
 <input type="email" name="" id="">

**input:url**  
 <input type="url" name="" id="" />

**input:password, input:p**  
 <input type="password" name="" id="" />

**input:datetime**  
 <input type="datetime" name="" id="" />

**input:date**  
 <input type="date" name="" id="" />

**input:datetime-local**  
 <input type="datetime-local" name="" id="" />

**input:month**  
 <input type="month" name="" id="" />

**input:week**  
 <input type="week" name="" id="" />

**input:time**  
 <input type="time" name="" id="" />

```

input:tel
  <input type="tel" name="" id="" />
input:number
  <input type="number" name="" id="" />
input:color
  <input type="color" name="" id="" />
input:checkbox, input:c
  <input type="checkbox" name="" id="" />
input:radio, input:r
  <input type="radio" name="" id="" />
input:range
  <input type="range" name="" id="" />
input:file, input:f
  <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
  <input type="reset" value="" />
select
  <select name="" id="" />
select:disabled, select:d
  <select name="" id=""
  disabled="disabled" />
option, opt
  <option value="" />
textarea
  <textarea name="" id="" cols="30"
  rows="10" />
marquee
  <marquee behavior=""
  direction="" />
menu:context, menu:c
  <menu type="context" />
menu:toolbar, menu:t
  <menu type="toolbar" />
video
  <video src="" />
audio
  <audio src="" />
html:xml
  <html xmlns="http://www.
  w3.org/1999/xhtml" />
keygen
  <keygen />
command
  <command />
button:submit, button:s, btn:s
  <button type="submit" />
button:reset, button:r, btn:r
  <button type="reset" />
button:disabled, button:d, btn:d
  <button disabled="disabled" />
fieldset:disabled,
fieldset:d, fset:d, fst:d
  <fieldset disabled="disabled" />
bq
  <blockquote></blockquote>
fig
  <figure></figure>
figc
  <figcaption></figcaption>
pic
  <picture></picture>
ifr
  <iframe src="" frameborder="0" />
emb
  <embed src="" type="" />
obj
  <object data="" type="" />
cap
  <caption></caption>
colg
  <colgroup></colgroup>
fst, fset
  <fieldset></fieldset>
btn
  <button></button>
optg
  <optgroup></optgroup>
tarea
  <textarea name="" id="" cols="30"
  rows="10" />

```

```
leg <legend></legend>
sect <section></section>
art <article></article>
hdr <header></header>
ftr <footer></footer>
adr <address></address>
dlg <dialog></dialog>
str <strong></strong>
prog <progress></progress>
mn <main></main>
tem <template></template>
datag <datagrid></datagrid>
datal <datalist></datalist>
kg <keygen />
out <output></output>
det <details></details>
cmd <command />
ri:dpr, ri:d <img srcset="" src="" alt="" />
ri:viewport, ri:v <img sizes="" srcset="" src="" alt="" />
ri:art, ri:a <picture>
  <source media="(min-width: )"
  srcset="" />
  <img src="" alt="" />
</picture>
```

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```
ri:type, ri:t
  <picture>
    <source srcset="" type="image/" />
    <img src="" alt="" />
  </picture>

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

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

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

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

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

colgroup+, col+
  <colgroup>
    <col />
  </colgroup>

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

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

optgroup+, optgt+
  <optgroup>
    <option value=""></option>
  </optgroup>

pic+
  <picture>
    <source srcset="" />
    <img src="" alt="" />
  </picture>
```

## 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: l;

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:tbcp** display:table-caption;  
**d:tbcl** display:table-column;  
**d:tbclg** display:table-column-group;  
**d:tbhg** display:table-header-group;

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**d:tbfg** 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:rbt** display:ruby-text;  
**d:rbtg** 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

```

bz 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, fs:i** font-style:italic;  
**fs:n** font-style:normal;  
**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, 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, 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;

**12**  
**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;

<b>whsc:l</b>	<b>Background</b>
white-space-collapse:loose;	<b>bg</b> background:#000;
<b>whsc:bs</b>	<b>bg+</b> background:#fff url() 0 0 no-repeat;
white-space-collapse:break-strict;	<b>bg:n</b> background:none;
<b>whsc:ba</b>	<b>bgc</b> background-color:#fff;
white-space-collapse:break-all;	<b>bgc:t</b> background-color:transparent;
<b>wob</b>	<b>bgi</b> background-image:url();
word-break:;	<b>bgi:n</b> background-image:none;
<b>wob:n</b>	<b>bgr</b> background-repeat:;
word-break:normal;	<b>bgr:n</b> background-repeat:no-repeat;
<b>wob:k</b>	<b>bgr:x</b> background-repeat:repeat-x;
word-break:keep-all;	<b>bgr:y</b> background-repeat:repeat-y;
<b>wob:ba</b>	<b>bgr:sp</b> background-repeat:space;
word-break:break-all;	<b>bgr:rd</b> background-repeat:round;
<b>wos</b>	<b>bga</b> background-attachment:;
word-spacing:;	<b>bga:f</b> background-attachment:fixed;
<b>wow</b>	<b>bga:s</b> background-attachment:scroll;
word-wrap:;	<b>bgp</b> background-position:0 0;
<b>wow:nm</b>	<b>bgpx</b> background-position-x:;
word-wrap:normal;	<b>bgpy</b> background-position-y:;
<b>wow:n</b>	<b>bgbk</b> background-break:;
word-wrap:none;	<b>bgbk:bb</b> background-break:bounding-box;
<b>wow:u</b>	
word-wrap:unrestricted;	
<b>wow:s</b>	
word-wrap:suppress;	
<b>wow:b</b>	
word-wrap:break-word;	

```

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;  
**bdk** border-break:close;  
**bdk:c** border-break:close;  
**bdcl** border-collapse:;  
**bdcl:c** border-collapse:collapse;  
**bdcl: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;
bdc border-corner-image:url();
bdc:n border-corner-image:none;
bdc: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:dt� border-style:dot-dash;
bds:dt�t� 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:;  
**bdt, bt** border-top:;  
**bdt+** border-top:1px solid #000;  
**bdt:n** border-top:none;  
**bdtw** border-top-width:;  
**bdts** border-top-style:;  
**bdts:n** border-top-style:none;  
**bdtc** border-top-color:#000;  
**bdtc: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;  
**bdrc** border-right-color:#000;  
**bdrc:t** border-right-color:transparent;  
**bdb, bb** border-bottom:;

**bdb+** border-bottom:1px solid #000;  
**bdb:n** border-bottom:none;  
**bdbw** border-bottom-width:;  
**bdb:s** border-bottom-style:;  
**bdb:s:n** border-bottom-style:none;  
**bdhc** border-bottom-color:#000;  
**bdhc:t** border-bottom-color:transparent;  
**ndl, bl** border-left:;  
**ndl+** border-left:1px solid #000;  
**ndl:n** border-left:none;  
**ndlw** border-left-width:;  
**ndls** border-left-style:;  
**ndls:n** border-left-style:none;  
**ndl:c** border-left-color:#000;  
**ndl:c:t** border-left-color:transparent;  
**ndrs** border-radius:;  
**ndtrrs** border-top-right-radius:;  
**ndtlrs** border-top-left-radius:;  
**ndbrrs** border-bottom-right-radius:;  
**ndblrs** 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;

```

Animation	
<b>anim</b>	animation:;
<b>anim-</b>	animation-name duration timing-function delay iteration-count direction fill-mode;
<b>animdel</b>	animation-delay:time;
<b>animdir</b>	animation-direction:normal;
<b>animdir:a</b>	animation-direction:alternate;
<b>animdir:ar</b>	animation-direction:alternate-reverse;
<b>animdir:n</b>	animation-direction:normal;
<b>animdir:r</b>	animation-direction:reverse;
<b>animdur</b>	animation-duration:0s;
<b>animfm</b>	animation-fill-mode:both;
<b>animfm:b</b>	animation-fill-mode:backwards;
<b>animfm:bt, animfm:bh</b>	animation-fill-mode:both;
<b>animfm:f</b>	animation-fill-mode:forwards;
<b>animic</b>	animation-iteration-count:1;
<b>animic:i</b>	animation-iteration-count:infinite;
<b>animn</b>	animation-name:none;
<b>animps</b>	animation-play-state:running;
<b>animps:p</b>	animation-play-state:paused;
<b>animps:r</b>	animation-play-state:running;
<b>animtf</b>	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:eo
  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;

bhv
  backface-visibility:;

bhv:h
  backface-visibility:hidden;

bhv: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:;

**cols** column-span:;

**colmw** column-width:;

**d:ib+** display: inline-block;
 \*display: inline;
 \*zoom: 1;

**Flex**

```

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;

```

Transform, Transition	
<b>trf</b>	transform:;
<b>trf:r</b>	transform: rotate(angle);
<b>trf:rx</b>	transform: rotateX(angle);
<b>trf:ry</b>	transform: rotateY(angle);
<b>trf:rz</b>	transform: rotateZ(angle);
<b>trf:sc</b>	transform: scale(x, y);
<b>trf:sc3</b>	transform: scale3d(x, y, z);
<b>trf:scx</b>	transform: scaleX(x);
<b>trf:scy</b>	transform: scaleY(y);
<b>trf:scz</b>	transform: scaleZ(z);
<b>trf:skx</b>	transform: skewX(angle);
<b>trf:sky</b>	transform: skewY(angle);
<b>trf:t</b>	transform: translate(x, y);
<b>trf:t3</b>	transform: translate3d(tx, ty, tz);
<b>trf:tx</b>	transform: translateX(x);
<b>trf:ty</b>	transform: translateY(y);
<b>trf:tz</b>	transform: translateZ(z);
<b>trfo</b>	transform-origin:;
<b>trfs</b>	transform-style:preserve-3d;
<b>trs</b>	transition:prop time;
<b>trsde</b>	transition-delay:time;

**XSL**

```

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-lr;
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-lr;
wm:tbr writing-mode:tb-rl;

```

```

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="" />

```

## HTML DOCTYPES

```

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+
  <xsl:choose>
    <xsl:when test=""></xsl:when>
    <xsl:otherwise></xsl:otherwise>
  </xsl:choose>
xsl
  |}
  <?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"?>

```

**!, html:5**

```

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

```

**doc**

```

<html>
<head>
  <meta charset="UTF-8" />
  <title>Document</title>
</head>
<body>
</body>
</html>

```

**doc4**

```

<html>
<head>
  <meta http-equiv="Content-Type"
  content="text/html; charset=UTF-8"
  />
  <title>Document</title>
</head>
<body>
</body>
</html>

```

**html:4t**

```

<!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**

```
<!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**

```
<!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**

```
<!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:xxs**

```
<!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>
```

**!!!**

```
<!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">
```