

## LEGEND *E*

<i>E</i>	Element	<i>C</i>	Child
<i>(pe)</i>	Pseudo Class	<i>Ad</i>	Adjacent
<i>(s)</i>	Selector	<i>Att</i>	Attribute
<i>U</i>	Universal	*	Shorthand property
<i>T</i>	Type	<b>T</b>	Notes
<i>D</i>	Descendant		

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## ★ HOW TO / 1. SYNTAX

### Include an external style sheet

Use the following syntax to include an external style sheet on your pages:

```
<head>
<link rel="stylesheet" type="text/css" href="mystyle.css" />
</head>
```

### Basic syntax

The CSS syntax is made up of three parts: a selector, a property and a value:

```
selector {property:value}
```

**T** How to use:

```
body {color:black}
```

### Grouping

You can group selectors separating each selector with a comma.

**T** How to use:

```
p, h1,h2,h3,h4,h5,h6, form {margin:0;}
```

### Add styles to elements with particular attributes

You can also apply styles to HTML elements with particular attributes. The style rule below will match all input elements that have a type attribute with a value of "text".

**T** How to use:

```
input[type="text"] {background-color:blue}
```

### Comments

A comment will be ignored by browsers.

**T** How to use:

```
/* This is a comment */
```

## ★ HOW TO / 2. SELECTORS

**\*** *U (s)*  
Matches any element.

**E** *T (s)*  
Matches any E element (div, span, p,...).

**E F** *D (s)*  
Matches any F element that is a descendant of an E element.

**E > F** *C (s)*  
Matches any F element that is a child of an element E.

**E:first-child** *:first-child (pc)*  
Matches element E when E is the first child of its parent.

**E:link / E:visited** *link (pc)*  
Matches element E if E is the source anchor of a hyperlink of which the target is not yet visited (:link) or already visited (:visited).

**E:active / E:hover / E:focus** *dynamic (pc)*  
Matches E during certain user actions.

**E:lang(c)** *:lang(O) (pc)*  
Matches element of type E if it is in (human) language c (the document language specifies how language is determined).

**E + F** *Ad (s)*  
Matches any F element immediately preceded by a sibling element E.

**E[foo]** *Att (s)*  
Matches any E element with the "foo" attribute set (whatever the value).

**E[foo="warning"]** *Att (s)*  
Matches any E element whose "foo" attribute value is exactly equal to "warning".

**E[foo~="warning"]** *Att (s)*  
Matches any E element whose "foo" attribute value is a list of space-separated values, one of which is exactly equal to "warning".

**E[lang="en"]** *Att (s)*  
Matches any E element whose "lang" attribute has a hyphen-separated list of values beginning (from the left) with "en".

**DIV.warning** *Class (s)*  
Language specific. (In HTML, the same as DIV [class~="warning"]).

**E#myid** *ID (s)*  
Matches any E element with ID equal to "myid".

## ★ PSEUDO CLASSES

**:active**  
Adds a style to an element that is activated.

**T** How to use:  
*a:active must come after a:hover in the CSS definition in order to be effective.*

**:after**  
Adds content after an element.

**:before**  
Adds content before an element.

**:first-child**  
Adds a style to an element that is the first child of another element.

**:first-letter**  
Adds a style to the first character of a text.

**:first-line**  
Adds a style to the first line of a text.

**:focus**  
Adds a style to an element that has keyboard input focus.

**:hover**  
Adds a style to an element when you mouse over it.

**T** How to use:  
*a:hover must come after a:link and a:visited in the CSS definition in order to be effective.*

**:lang**  
Adds a style to an element with a specific lang attribute.

**:link**  
Adds a style to an unvisited link.

**:visited**  
Adds a style to a visited link.

## ★ SIZE AND COLORS ● ● ●

**Relative Size** em | ex | %

**Absolute Size** cm | in | mm | pc | pt | px

**Colours** RGB Notation Hex notation #0033CC | RGB notation: rgb (0, 12, 12)

## ★ BACKGROUND ●

**\* background**  
Sets all the background properties in one declaration.

**background-attachment**  
Sets whether a background image is fixed or scrolls with the rest of the page. scroll | fixed | inherit

**background-color** *color\_name | hex\_number | rgb\_number | transparent | inherit*  
Sets the background color of an element.

**background-image** *url('image\_url') | none | inherit*  
Sets the background image for an element.

**background-position** *top left | top center | top right | center left | center center | center right | bottom left | bottom center | bottom right | x% y% | x-pos y-pos | inherit*  
Sets the starting position of a background image.

**background-repeat** *repeat | repeat-x | repeat-y | no-repeat | inherit*  
Sets how a background image will be repeated.

## ★ FONT *f*

**\* font**  
Sets all the font properties in one declaration.

**font-family** *family-name | generic-family*  
Specifies the font family for text.

**font-size** *xx-small | x-small | small | medium | large | x-large | xx-large | smaller | larger | length | % | inherit*  
Specifies the font size of text.

**font-style** *normal | italic | oblique | inherit*  
Specifies the font style for text.

**font-variant** *normal | small-caps | inherit*  
Specifies whether or not a text should be displayed in a small-caps font.

**font-weight** *normal | bold | bolder | lighter | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | inherit*  
Specifies the weight of a font.

★ BORDER □

**\* border**

Sets all the border properties in one declaration.

**\* border-color** *color\_name* | *hex\_number* | *rgb\_number* | transparent | inherit  
Sets the color of the four borders.

**\* border-style** none | hidden | dotted | dashed | solid | double | groove | ridge | inset | outset  
Sets the style of the four borders.

**\* border-width** *length* | thin | medium | thick  
Sets the width of the four borders.

**\* border-top** *border-top-color* | *border-top-style* | *border-top-width*  
Sets all the top border properties in one declaration.

**border-top-color** *color\_name* | *hex\_number* | *rgb\_number* | transparent | inherit  
Sets the color of the top border.

**border-top-style** *border-style*  
Sets the style of the top border.

**border-top-width** *border-width*  
Sets the width of the top border.

**\* border-right** *border-right-color* | *border-right-style* | *border-right-width*  
Sets all the right border properties in one declaration.

**border-right-color** *color\_name* | *hex\_number* | *rgb\_number* | transparent | inherit  
Sets the color of the right border.

**border-right-style** *border-style*  
Sets the style of the right border.

**border-right-width** *border-width*  
Sets the width of the right border.

**\* border-bottom** *border-bottom-color* | *border-bottom-style* | *border-bottom-width*  
Sets all the bottom border properties in one declaration.

**border-bottom-color** *color\_name* | *hex\_number* | *rgb\_number* | transparent | inherit  
Sets the color of the bottom border.

**border-bottom-style** *border-style*  
Sets the style of the bottom border.

**border-bottom-width** *border-width*  
Sets the width of the bottom border.

**\* border-left** *border-left-color* | *border-left-style* | *border-left-width*  
Sets all the left border properties in one declaration.

**border-left-color** *color\_name* | *hex\_number* | *rgb\_number* | transparent | inherit  
Sets the color of the left border.

**border-left-style** *border-style*  
Sets the style of the left border.

**border-left-width** *border-width*  
Sets the width of the left border.

★ DIMENSION

**height**

Sets the height of an element.

auto | *length* | % | inherit

**T** The **height** property does not include padding, borders, or margins.

**max-height**

Sets the maximum height of an element.

none | *length* | % | inherit

**max-width**

Sets the maximum width of an element.

none | *length* | % | inherit

**min-height**

Sets the minimum height of an element.

*length* | % | inherit

**min-width**

Sets the minimum width of an element.

*length* | % | inherit

**width**

Sets the width of an element.

auto | *length* | % | inherit

**T** The **width** property does not include padding, borders, or margins.

★ PADDING

**\* padding**

Sets all the padding properties in one declaration (order: top, right, bottom, left).

*length* | % | inherit

**T** How to use:

```
p{padding:10px 5px 15px 20px;}
```

**padding-bottom**

Sets the bottom padding of an element.

*length* | % | inherit

**padding-left**

Sets the left padding of an element.

*length* | % | inherit

**padding-right**

Sets the right padding of an element.

*length* | % | inherit

**padding-top**

Sets the top padding of an element.

*length* | % | inherit

★ MARGIN

**\* margin**

Sets all the margin properties in one declaration (order: top, right, bottom, left).

auto | *length* | % | inherit

**T** How to use:

```
p{margin:10px 5px 15px 20px;}
```

**margin-bottom**

Sets the bottom margin of an element.

auto | *length* | % | inherit

**margin-left**

Sets the left margin of an element.

auto | *length* | % | inherit

**margin-right**

Sets the right margin of an element.

auto | *length* | % | inherit

**margin-top**

Sets the top margin of an element.

auto | *length* | % | inherit

★ OUTLINE

**\* outline**

Sets all the outline properties in one declaration.

*outline-color* | *outline-style* | *outline-width* | inherit

**T** An outline is a line that is drawn around elements (outside the borders) to make the element "stand out".

**outline-color**

Sets the color of an outline.

*color\_name* | *hex\_number* | *rgb\_number* | invert | inherit

**outline-style**

Sets the style of an outline.

none | hidden | dotted | dashed | solid | double | groove | ridge | inset | outset | inherit

**outline-width**

Sets the width of an outline.

*length* | thin | medium | thick

★ POSITIONING

**bottom**

Sets the bottom margin edge for a positioned box.

auto | *length* | % | inherit

**clear**

Specifies which sides of an element where other floating elements are not allowed.

left | right | both | none | inherit

**clip**

Clips an absolutely positioned element.

*shape* | auto | inherit

**cursor**

Specifies the type of cursor to be displayed.

*url* | auto | crosshair | default | e-resize | help | move | n-resize | ne-resize | nw-resize | pointer | progress | s-resize | se-resize | sw-resize | text | w-resize | wait | inherit

**display**

Specifies the type of box an element should generate.

none | block | inline | inline-block | inline-table | list-item | run-in | table | table-caption | table-cell | table-column | table-column-group | table-footer-group | table-header-group | table-row | table-row-group | inherit

**float**

Specifies whether or not a box should float.

left | right | none | inherit

**left**

Sets the left margin edge for a positioned box.

auto | *length* | % | inherit

**overflow**

Specifies what happens if content overflows an element's box.

visible | hidden | scroll | auto | inherit

**position**

Specifies the type of positioning for an element.

absolute | fixed | relative | static | inherit

**right**

Sets the right margin edge for a positioned box.

auto | *length* | % | inherit

**top**

Sets the top margin edge for a positioned box.

auto | *length* | % | inherit

**visibility**

Specifies whether or not an element is visible.

visible | hidden | collapse | inherit

**z-index**

Sets the stack order of an element.

auto | *number* | inherit

★ LIST

**\* list-style** *list-style-type* | *list-style-position* | *list-style-image* | inherit  
Sets all the properties for a list in one declaration.

**list-style-image** *url* | outside | inherit  
Specifies an image as the list-item marker.

**list-style-position** inside | outside | inherit  
Specifies where to place the list-item marker.

**list-style-type** none | circle | disc | square | armenian | decimal | decimal-leading-zero | georgian | lower-alpha | lower-greek | lower-latin | lower-roman | upper-alpha | upper-latin | upper-roman | inherit  
Specifies the type of list-item marker.

★ TABLE

**border-collapse** collapse | separate | inherit  
Specifies whether or not table borders should be collapsed.

**border-spacing** *length length* | inherit  
Specifies the distance between the borders of adjacent cells.

**caption-side** top | bottom | inherit  
Specifies the placement of a table caption.

**empty-cells** hide | show | inherit  
Specifies whether or not to display borders and background on empty cells in a table.

**table-layout** auto | fixed | inherit  
Sets the layout algorithm to be used for a table.

★ TEXT T

**color** *color\_name* | *hex\_number* | *rgb\_number* | inherit  
Sets the color of text.

**direction** ltr | rtl | inherit  
Specifies the text direction/writing direction.

**letter-spacing** normal | *length* | inherit  
Increases or decreases the space between characters in a text.

**line-height** normal | number | *length* | % | inherit  
Sets the line height.

**text-align** left | right | center | justify | inherit  
Specifies the horizontal alignment of text.

**text-decoration** none | underline | overline | line-through | blink | inherit  
Specifies the decoration added to text.

**text-indent** *length* | % | inherit  
Specifies the indentation of the first line in a text-block.

**text-shadow**  
Specifies the shadow effect added to text.

**text-transform** none | capitalize | uppercase | lowercase | inherit  
Controls the capitalization of text.

**vertical-align** *length* | % | baseline | sub | super | top | text-top | middle | bottom | text-bottom | inherit  
Sets the vertical alignment of an element.

**white-space** normal | nowrap | pre | pre-line | pre-wrap | inherit  
Specifies how white-space inside an element is handled.

**word-spacing** normal | *length* | inherit  
Increases or decreases the space between words in a text.

★ PRINT

**orphans**  
Sets the minimum number of lines that must be left at the bottom of a page when a page break occurs inside an element.

**page-break-after** auto | always | avoid | left | right | inherit  
Sets the page-breaking behavior after an element.

**page-break-before** auto | always | avoid | left | right | inherit  
Sets the page-breaking behavior before an element.

**page-break-inside** auto | avoid | inherit  
Sets the page-breaking behavior inside an element.

**widows**  
Sets the minimum number of lines that must be left at the top of a page when a page break occurs inside an element.

★ GENERATED CONTENT

**content** none | normal | *content specifications* | inherit  
Used with the `:before` and `:after` pseudo-elements, to insert generated content.

**counter-increment** none | *id number* | inherit  
Increments one or more counters.

**counter-reset** none | *id number* | inherit  
Creates or resets one or more counters.

**quotes** none | *string string string string* | inherit  
Sets the type of quotation marks for embedded quotations.

★ REFERENCE AND CREDITS

CSS 2 Visual Cheat Sheet

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