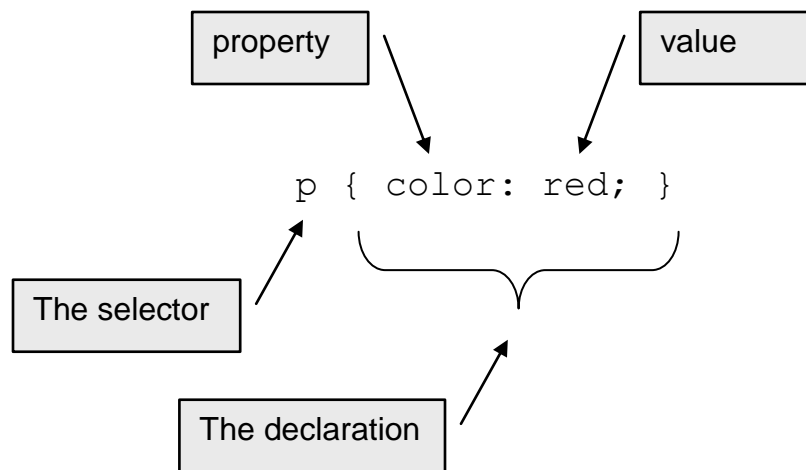


# CSS Properties

## Anatomy of a CSS rule

A CSS rule is made up to two parts: the `selector`, which states which tag (element) the rule selects, and the `declaration`, which states what happens when the rule is applied.



## In the tables the following conventions are used:

- ◆ Rows shown in blue are shorthand rules that combine several properties into a single declaration.
- ◆ Values shown in blue are the actual values that can appear as property values for the specified property.
- ◆ Values shown in italics and black are representative of a type of value that can be specified for the specified property.

## background

Property	Description	Values
background	Shorthand property for setting all background properties in one declaration.	<i>background-color</i> <i>background-image</i> <i>background-repeat</i> <i>background-attachment</i> <i>background-position</i>
background-attachment	Sets whether a background image is fixed or scrolls with the rest of the page.	<code>scroll</code> <code>fixed</code>
background-color	Sets the background color of an element.	<i>color-rgb</i> <i>color-hex</i> <i>color-name</i> <code>transparent</code>
background-image	Sets an image as the background	<code>url</code> <code>none</code>
background-position	Sets the starting position of a background image	<code>top left</code> <code>top center</code> <code>top right</code> <code>center left</code> <code>center center</code> <code>center right</code> <code>bottom left</code> <code>bottom center</code> <code>bottom right</code> <code>x% y%</code> <code>xpos ypos</code>
background-repeat	Sets if/how a background image will be repeated	<code>repeat</code> <code>repeat-x</code> <code>repeat-y</code> <code>no-repeat</code>

## border

Property	Description	Values
<code>border</code>	Shorthand property for setting all the properties for the four borders in one declaration	<code>border-width</code> <code>border-style</code> <code>border-color</code>
<code>border-bottom</code>	A shorthand property for setting all the properties for the bottom border in one declaration	<code>border-bottom-width</code> <code>border-style</code> <code>border-color</code>
<code>border-bottom-color</code>	Sets the color of the bottom border	<code>border-color</code>
<code>border-bottom-style</code>	Sets the style of the bottom border	<code>border-style</code>
<code>border-bottom-width</code>	Sets the width of the bottom border	<code>thin</code> <code>medium</code> <code>thick</code> <code>length</code>
<code>border-color</code>	Sets the color of the four borders, can have between 1 and 4 colors specified	<code>color</code>
<code>border-left</code>	A shorthand property for setting all the properties of the left border in one declaration.	<code>border-left-width</code> <code>border-left-style</code> <code>border-left-color</code>
<code>border-left-color</code>	Sets the color of the left border	<code>border-color</code>
<code>border-left-style</code>	Sets the style of the left border	<code>border-style</code>
<code>border-left-width</code>	Sets the width of the left border	<code>thin</code> <code>medium</code> <code>thick</code> <code>length</code>
<code>border-right</code>	A shorthand property for setting all the properties of the right border in one declaration.	<code>border-right-width</code> <code>border-right-style</code> <code>border-right-color</code>
<code>border-right-color</code>	Sets the color of the right border	<code>border-color</code>
<code>border-right-style</code>	Sets the style of the right border	<code>border-style</code>
<code>border-right-width</code>	Sets the width of the right border	<code>thin</code> <code>medium</code> <code>thick</code> <code>length</code>

## border (continued)

Property	Description	Values
<code>border-style</code>	A shorthand property for setting the style for all four borders in one declaration. Can have from 1 to 4 styles.	<code>none</code> <code>hidden</code> <code>dotted</code> <code>dashed</code> <code>solid</code> <code>double</code> <code>groove</code> <code>ridge</code> <code>inset</code> <code>outset</code>
<code>border-top</code>	A shorthand property for setting all the properties of the top border in one declaration.	<code>border-top-width</code> <code>border-top-style</code> <code>border-top-color</code>
<code>border-top-color</code>	Sets the color of the top border	<i>border-color</i>
<code>border-top-style</code>	Sets the style of the top border	<i>border-style</i>
<code>border-top-width</code>	Sets the width of the top border	<code>thin</code> <code>medium</code> <code>thick</code> <i>length</i>
<code>border-width</code>	A shorthand property for setting the width of all four borders in one declaration. Can have from 1 to 4 values.	<code>thin</code> <code>medium</code> <code>thick</code> <i>length</i>

## classification

Property	Description	Values
clear	Sets the sides of an element where other floating elements are not allowed	left right both none
cursor	Specifies the type of cursor to be displayed.	url auto crosshair default pointer move e-resize ne-resize nw-resize n-resize se-resize sw-resize s-resize w-resize text wait help
display	Sets how/if an element is displayed	none inline block list-item run-in compact marker table inline-table table-row-group table-header-group table-footer-group table-row table-column-group table-column table-cell table-caption
float	Sets where an image or text will appear in another element.	left right none

## classification (continued)

Property	Description	Values
position	Places an element in a static, relative, absolute, or fixed position.	static relative absolute fixed
visibility	Sets if an element should be visible or invisible	visible hidden collapse

## dimension

Property	Description	Values
height	Sets the height of an element	auto length %
line-height	Sets the distance between lines.	normal number length %
max-height	Sets the maximum height of an element	none length %
max-width	Sets the maximum width of an element.	none length %
min-height	Sets the minimum height of an element.	length %
min-width	Sets the minimum width of an element.	length %
width	Sets the width of an element.	auto length %

## font

Property	Description	Values
font	A shorthand property for setting all of the properties for a font in one declaration	<i>font-style</i> <i>font-variant</i> <i>font-weight</i> <i>font-size/line-height</i> <i>font-family</i> caption icon menu message-box small-caption status-bar
font-family	A prioritized list of font family names and/or generic family names for an element	<i>family-name</i> <i>generic-family</i>
font-size	Sets the size of a font.	xx-small x-small small medium large x-large xx-large smaller larger length %
font-size-adjust	Specifies an aspect value for an element that will preserve the x-height of the first-choice font.	none number
font-stretch	Condenses or expands the current font-family	normal wider narrower ultra-condensed extra-condensed condensed semi-condensed semi-expanded expanded extra-expanded ultra-expanded

## font (continued)

Property	Description	Values
font-style	Sets the style of the font	normal italic oblique
font-variant	Displays text in a small-caps font or a normal font.	normal small-caps
font-weight	Sets the weight of a font.	normal bold bolder lighter 100 200 300 400 500 600 700 800 900



## generated content

Property	Description	Values
content	Generates content in a document. Used with the :before and :after pseudo-elements.	<i>string</i> <i>url</i> <i>counter(name)</i> <i>counter(name, list-style-type)</i> <i>counters(name, string)</i> <i>counter(name, string, list-style-type)</i> <i>attr(X)</i> <i>open-quote</i> <i>close-quote</i> <i>no-open-quote</i> <i>no-close-quote</i>
counter-increment	Sets how much the counter increments on each occurrence of a selector.	<i>none</i> <i>identifier-number</i>
counter-reset	Sets the value the counter is set to on each occurrence of a selector	<i>none</i> <i>identifier-number</i>
quotes	Sets the type of quotation marks	<i>none</i> <i>string string</i>

## list and marker

Property	Description	Values
<code>list</code>	A shorthand property for setting all of the properties for a list in one declaration	<i>list-style-type</i> <i>list-style-position</i> <i>list-style-image</i>
<code>list-style-image</code>	Sets an image as the list-item marker	<code>none</code> <code>url</code>
<code>list-style-position</code>	Sets where the list-item marker is placed in the list.	<code>inside</code> <code>outside</code>
<code>list-style-type</code>	Sets the type of the list-item marker.	<code>none</code> <code>disc</code> <code>circle</code> <code>square</code> <code>decimal</code> <code>decimal-leading-zero</code> <code>lower-roman</code> <code>upper-roman</code> <code>lower-alpha</code> <code>upper-alpha</code> <code>lower-greek</code> <code>upper-greek</code> <code>lower-latin</code> <code>upper-latin</code> <code>Hebrew</code> <code>Armenian</code> <code>Georgian</code> <code>ckj-ideographic</code> <code>hiragana</code> <code>katakana</code> <code>hiragana-iroha</code> <code>katakana-iroha</code>
<code>marker-offset</code>	Sets the offset of the list marker.	<code>auto</code> <code>length</code>

## margin

Property	Description	Values
margin	A shorthand property for setting all of the properties for a margin in one declaration	<i>margin-top</i> <i>margin-right</i> <i>margin-bottom</i> <i>margin-left</i>
margin-bottom	Sets the bottom margin of an element.	<i>auto</i> <i>length</i> <i>%</i>
margin-left	Sets the left margin of an element.	<i>auto</i> <i>length</i> <i>%</i>
margin-right	Sets the right margin of an element.	<i>auto</i> <i>length</i> <i>%</i>
margin-top	Sets the top margin of an element.	<i>auto</i> <i>length</i> <i>%</i>

## outlines

Property	Description	Values
outline	A shorthand property for setting all of the outline properties in one declaration	<i>outline-color</i> <i>outline-style</i> <i>outline-width</i>
outline-color	Sets the color of the outline around an element.	<i>color</i> <i>invert</i>
outline-style	Sets the style of the outline around an element.	<i>none</i> <i>dotted</i> <i>dashed</i> <i>solid</i> <i>double</i> <i>groove</i> <i>ridge</i> <i>inset</i> <i>outset</i>
outline-width	Sets the width of the outline around an element.	<i>thin</i> <i>medium</i> <i>thick</i> <i>length</i> <i>%</i>

## padding

Property	Description	Values
padding	A shorthand property for setting all of the padding properties in one declaration	<i>padding-top</i> <i>padding-right</i> <i>padding-bottom</i> <i>padding-left</i>
padding-bottom	Sets the bottom padding of an element.	<i>length</i> %
padding-left	Sets the left padding of an element.	<i>length</i> %
padding-right	Sets the right padding of an element.	<i>length</i> %
padding-top	Sets the top padding of an element.	<i>length</i> %

## positioning

Property	Description	Values
bottom	Sets how far the bottom edge of an element is above/below the bottom edge of the parent element.	auto % length
clip	Sets the shape of an element. The element is clipped into this shape, and displayed.	shape auto
left	Sets how far the left edge of an element is to the right/left of the left edge of the parent element.	auto % length
overflow	Sets what happens if the content of an element overflows its area.	visible hidden scroll auto
position	Places an element in a static, relative, absolute, or fixed position	static relative absolute fixed
right	Sets how far the right edge of an element is to the left/right of the right edge of the parent element.	auto % length
top	Sets how far the top edge of an element is above/below the top edge of the parent element.	auto % length
vertical-align	Sets the vertical alignment of an element.	baseline sub super top text-top middle bottom text-bottom length %
z-index	Sets the stack order of an element.	auto number

## table

Property	Description	Values
<code>border-collapse</code>	Sets whether the table borders are collapsed into a single border or detached as in standard HTML.	<code>collapse</code> <code>separate</code>
<code>border-spacing</code>	Sets the distance that separates cell borders (only applies to the “separated borders” model).	<i>length length</i>
<code>caption-side</code>	Sets the position of the table caption	<code>top</code> <code>bottom</code> <code>left</code> <code>right</code>
<code>empty-cells</code>	Sets whether or not to show empty cells in a table (only applies to the “separated borders” model).	<code>show</code> <code>hide</code>
<code>table-layout</code>	Sets the algorithm used to display the table cells, rows, and columns.	<code>auto</code> <code>fixed</code>

## text

Property	Description	Values
color	Sets the color of a text.	<i>color</i>
direction	Sets the text direction	<i>ltr</i> <i>rtl</i>
line-height	Sets the distance between the lines of text.	<i>normal</i> <i>number</i> <i>length</i> $\%$
letter-spacing	Increases or decreases the space between characters.	<i>normal</i> <i>length</i>
text-align	Aligns the text in an element.	<i>left</i> <i>right</i> <i>center</i> <i>justify</i>
text-decoration	Adds decoration to text.	<i>none</i> <i>underline</i> <i>overline</i> <i>line-through</i> <i>blink</i>
text-indent	Indents the first line of text in an element.	<i>length</i> $\%$
text-shadow	Sets text shadowing.	<i>none</i> <i>color</i> <i>length</i>
text-transform	Controls the letters in an element.	<i>none</i> <i>capitalize</i> <i>uppercase</i> <i>lowercase</i>
unicode-bidi		<i>normal</i> <i>embed</i> <i>bidirectional-override</i>
white-space	Sets how white space inside an element is handled.	<i>normal</i> <i>pre</i> <i>nowrap</i>
word-spacing	Increase or decrease the space between words.	<i>normal</i> <i>length</i>

## pseudo-classes

Pseudo-class	Description
<code>:active</code>	Adds special style to an activated element.
<code>:focus</code>	Adds special style to an element while the element has focus.
<code>:hover</code>	Adds special style to an element when you mouse over it.
<code>:link</code>	Adds special style to an unvisited link.
<code>:visited</code>	Adds special style to a visited link.
<code>:first-child</code>	Adds special style to an element that is the first child of some other element.
<code>:lang</code>	Allows the author to specify a language to be used in a specified element.

## pseudo-elements

Pseudo-element	Description
<code>:first-letter</code>	Adds special style to the first letter of a text.
<code>:first-line</code>	Adds special style to the first line of a text.
<code>:before</code>	Inserts some content before an element.
<code>:after</code>	Inserts some content after an element.



## media types

Media Type	Description
all	Used for all media type devices.
aural	Used for speech and sound synthesizers.
braille	Used for Braille tactile feedback devices,
embossed	Used for paged Braille printers.
handheld	Used for small or handheld devices.
print	Used for printers.
projection	Used for projected presentations, like slides.
screen	Used for computer screens.
tty	Used for media using a fixed-pitch character grid like teletypes and terminals.
tv	Used for television-type devices.