

CSS properties and values – excerpted from www.w3schools.com

Background

| Property | Description | Values |
|--|---|---|
| <u>background</u> | A 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> |
| <u>background-attachment</u> | Sets whether a background image is fixed or scrolls with the rest of the page | scroll fixed |
| <u>background-color</u> | Sets the background color of an element | <i>color-rgb</i> <i>color-hex</i> <i>color-name</i> transparent |
| <u>background-image</u> | Sets an image as the background | url(URL) none |
| <u>background-position</u> | Sets the starting position of a background image | top left top center top right center left center center center right bottom left bottom center bottom right x% y% xpos ypos |
| <u>background-repeat</u> | Sets if/how a background image will be repeated | repeat repeat-x repeat-y no-repeat |

Border

| Property | Description | Values |
|--------------------------------------|--|--|
| <u>border</u> | A shorthand property for setting all of the properties for the four borders in one declaration | <i>border-width</i> <i>border-style</i> <i>border-color</i> |
| <u>border-bottom</u> | A shorthand property for setting all of the properties for the bottom | <i>border-bottom-width</i> <i>border-style</i> <i>border-color</i> |

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| | border in one declaration | |
| <u>border-bottom-color</u> | Sets the color of the bottom border | <i>border-color</i> |
| <u>border-bottom-style</u> | Sets the style of the bottom border | <i>border-style</i> |
| <u>border-bottom-width</u> | Sets the width of the bottom border | thin medium thick <i>length</i> |
| <u>border-color</u> | Sets the color of the four borders, can have from one to four colors | <i>color</i> |
| <u>border-left</u> | A shorthand property for setting all of the properties for the left border in one declaration | <i>border-left-width</i> <i>border-style</i> <i>border-color</i> |
| <u>border-left-color</u> | Sets the color of the left border | <i>border-color</i> |
| <u>border-left-style</u> | Sets the style of the left border | <i>border-style</i> |
| <u>border-left-width</u> | Sets the width of the left border | thin medium thick <i>length</i> |
| <u>border-right</u> | A shorthand property for setting all of the properties for the right border in one declaration | <i>border-right-width</i> <i>border-style</i> <i>border-color</i> |
| <u>border-right-color</u> | Sets the color of the right border | <i>border-color</i> |
| <u>border-right-style</u> | Sets the style of the right border | <i>border-style</i> |
| <u>border-right-width</u> | Sets the width of the right border | thin medium thick <i>length</i> |
| <u>border-style</u> | Sets the style of the four borders, can have from one to four styles | none hidden dotted dashed solid double groove ridge inset outset |
| <u>border-top</u> | A shorthand property for | <i>border-top-width</i> |

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| | setting all of the properties for the top border in one declaration | <i>border-style</i> <i>border-color</i> |
| <u>border-top-color</u> | Sets the color of the top border | <i>border-color</i> |
| <u>border-top-style</u> | Sets the style of the top border | <i>border-style</i> |
| <u>border-top-width</u> | Sets the width of the top border | thin medium thick <i>length</i> |
| <u>border-width</u> | A shorthand property for setting the width of the four borders in one declaration, can have from one to four values | thin medium thick <i>length</i> |

Classification

| Property | Description | Values |
|--------------------------------|--|---|
| <u>clear</u> | Sets the sides of an element where other floating elements are not allowed | left right both none |
| <u>cursor</u> | Specifies the type of cursor to be displayed | <i>url</i> auto crosshair default pointer move e-resize ne-resize nw-resize n-resize se-resize sw-resize s-resize w-resize text wait help |
| <u>display</u> | Sets how/if an element is displayed | none inline block list-item run-in compact marker |

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| | | table inline-table table-row-group table-header-group table-footer-group table-row table-column-group table-column table-cell table-caption |
| <u>float</u> | Sets where an image or a text will appear in another element | left right none |
| <u>position</u> | Places an element in a static, relative, absolute or fixed position | static relative absolute fixed |
| <u>visibility</u> | Sets if an element should be visible or invisible | visible hidden collapse |

Dimension

| Property | Description | Values |
|--------------------|---------------------------------------|---|
| <u>height</u> | Sets the height of an element | auto <i>length</i> % |
| <u>line-height</u> | Sets the distance between lines | normal <i>number</i> <i>length</i> % |
| <u>max-height</u> | Sets the maximum height of an element | none <i>length</i> % |
| <u>max-width</u> | Sets the maximum width of an element | none <i>length</i> % |
| <u>min-height</u> | Sets the minimum height of an element | <i>length</i> % |
| <u>min-width</u> | Sets the minimum width of an element | <i>length</i> % |
| <u>width</u> | Sets the width of an element | auto % <i>length</i> |

Font

| Property | Description | Values |
|-------------|--------------------------|-------------------|
| <u>font</u> | A shorthand property for | <i>font-style</i> |

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| | setting all of the properties for a font in one declaration | <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 |
| <u>font-family</u> | A prioritized list of font family names and/or generic family names for an element | <i>family-name</i> <i>generic-family</i> |
| <u>font-size</u> | Sets the size of a font | xx-small x-small small medium large x-large xx-large smaller larger <i>length</i> % |
| <u>font-size-adjust</u> | Specifies an aspect value for an element that will preserve the x-height of the first-choice font | none <i>number</i> |
| <u>font-stretch</u> | Condenses or expands the current font-family | normal wider narrower ultra-condensed extra-condensed condensed semi-condensed semi-expanded expanded extra-expanded ultra-expanded |
| <u>font-style</u> | Sets the style of the font | normal italic oblique |
| <u>font-variant</u> | Displays text in a small-caps font or a normal font | normal small-caps |
| <u>font-weight</u> | Sets the weight of a font | normal bold |

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| | | bolder lighter 100 200 300 400 500 600 700 800 900 |
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Generated Content

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

List and Marker

| Property | Description | Values |
|---|--|--|
| <u>list-style</u> | A shorthand property for setting all of the properties for a list in one declaration | list-style-type list-style-position list-style-image |
| <u>list-style-image</u> | Sets an image as the list-item marker | none url |

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|--|---|---|
| <u>list-style-position</u> | Sets where the list-item marker is placed in the list | inside outside |
| <u>list-style-type</u> | Sets the type of the list-item marker | none disc circle square decimal decimal-leading-zero lower-roman upper-roman lower-alpha upper-alpha lower-greek lower-latin upper-latin hebrew armenian georgian cjk-ideographic hiragana katakana hiragana-iroha katakana-iroha |
| marker-offset | | auto <i>length</i> |

Margin

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

Outlines

| Property | Description | Values |
|--------------------------------------|--|--|
| <u>outline</u> | A shorthand property for setting all the outline properties in one declaration | <i>outline-color</i> <i>outline-style</i> <i>outline-width</i> |
| <u>outline-color</u> | Sets the color of the outline around an element | <i>color</i> <i>invert</i> |
| <u>outline-style</u> | 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> |
| <u>outline-width</u> | Sets the width of the outline around an element | <i>thin</i> <i>medium</i> <i>thick</i> <i>length</i> |

Padding

| Property | Description | Values |
|---------------------------------------|---|--|
| <u>padding</u> | 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> |
| <u>padding-bottom</u> | Sets the bottom padding of an element | <i>length</i> <i>%</i> |
| <u>padding-left</u> | Sets the left padding of an element | <i>length</i> <i>%</i> |
| <u>padding-right</u> | Sets the right padding of an element | <i>length</i> <i>%</i> |
| <u>padding-top</u> | Sets the top padding of an element | <i>length</i> <i>%</i> |

Positioning

| Property | Description | Values |
|-------------------------------|---|--|
| <u>bottom</u> | Sets how far the bottom edge of an element is above/below the bottom edge of the parent element | <i>auto</i> <i>%</i> <i>length</i> |
| <u>clip</u> | Sets the shape of an element. The element is clipped into this shape, | <i>shape</i> <i>auto</i> |

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| | and displayed | |
| <u>left</u> | Sets how far the left edge of an element is to the right/left of the left edge of the parent element | auto % <i>length</i> |
| <u>overflow</u> | Sets what happens if the content of an element overflow its area | visible hidden scroll auto |
| <u>position</u> | Places an element in a static, relative, absolute or fixed position | static relative absolute fixed |
| <u>right</u> | Sets how far the right edge of an element is to the left/right of the right edge of the parent element | auto % <i>length</i> |
| <u>top</u> | Sets how far the top edge of an element is above/below the top edge of the parent element | auto % <i>length</i> |
| <u>vertical-align</u> | Sets the vertical alignment of an element | baseline sub super top text-top middle bottom text-bottom <i>length</i> % |
| <u>z-index</u> | Sets the stack order of an element | auto <i>number</i> |

Table

| Property | Description | Values |
|------------------------|---|----------------------|
| <u>border-collapse</u> | Sets whether the table borders are collapsed into a single border or detached as in standard HTML | collapse separate |
| <u>border-spacing</u> | Sets the distance that separates cell borders (only for the "separated borders" model) | <i>length length</i> |
| <u>caption-side</u> | Sets the position of the | top |

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|------------------------------|---|-------------------------|
| | table caption | bottom left right |
| empty-cells | Sets whether or not to show empty cells in a table (only for the "separated borders" model) | show hide |
| table-layout | Sets the algorithm used to display the table cells, rows, and columns | auto fixed |

Text

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

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| <u>word-spacing</u> | Increase or decrease the space between words | normal <i>length</i> |
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Pseudo-classes

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

Pseudo-elements

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