All the CSS properties defined in the World Wide Web Consortium's Recommended Specification for Cascading Style Sheets, Level 2

We include each property's possible values, defined as either an explicit keyword or as one of these values:

* **angle:** A numeric value followed by *deg, grad* or *rad*.
* **color:** Either a color name or hexadecimal RGB value, or an RGB triple of the form: *rgb(red, green, blue)*
* **frequency:** A numeric value followed by hz or khz, indicating Hertz or kiloHertz
* **length:** An optional sign (either + or -), immediately followed by a number (with or without a decimal point), immediately followed by a two-character unit identifier like px or pt or em etc.
* **number:** An optional sign, immediately followed by a number (with or without a decimal point).
* **percent** An optional sign, immediately followed by a number (with or without a decimal point), immediately followed by a percent sign.
* **shape:** A shape keyword, followed by a parentheses-enclosed list of comma-separated shape-specific parameters. Currently, the only supported shape keyword is rect, which expects four numeric parameters denoting the offsets of the top, right, bottom, and left edges of the rectangle.
* **time:** A numeric value followed by s or ms, designating a time in seconds or milliseconds.
* **url:** The keyword url, immediately followed (no spaces) by a left parenthesis, followed by a URL optionally enclosed in single or double quotes, followed by a matching right parenthesis. For example: url("http://www.tutorialspoint.com/")

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| **Property** | **Possible Values** | **Description** |
| azimuth | * angle * left-side * far-left * left * center-left * center * center-right * right * far-right * right-side | Describes the position of a sound source along the horizontal axis of the listener's environment. |
| background | Values from composite properties. | Composite property for the following properties:   * background-attachment * background-color * background-image * background-position * background-repeat |
| background-attachment | * scroll * fixed | Determines if the background image is fixed in the window or scrolls as the document scrolls |
| background-color | * color * transparent | Sets the background color of an element |
| background-image | * url * none | Sets the background image of an element |
| background-position | * percent * none * length * top * center * bottom * left * right | Sets the initial position of the element's background image, if specified; values normally are paired to provide x, y positions; default position is 0% 0%. |
| background-repeat | * repeat * repeat-x * repeat-y * no-repeat | Determines how the background image is repeated (tiled) across an element |
| border | See Description | Sets all four of an element's borders; value is one or more of a color, a value for *border-width*, and a value for *border-style* |
| border-bottom | See Description | Sets an element's bottom border; value is one or more of a color, a value for *border-bottom-width*, and a value for *border-style* |
| border-bottom-width | * length * thin * medium * thick | Sets the thickness of an element's bottom border. |
| border-collapse | * collapse * separate | Sets the table border rendering algorithm |
| border-color | * color * transparent | Sets the color of all four of an element's borders; default is the color of the element |
| border-left-color | * color | Sets the color of an element's left borders; default is the color of the element |
| border-right-color | * color | Sets the color of an element's right borders; default is the color of the element |
| border-top-color | * color | Sets the color of an element's top borders; default is the color of the element |
| border-bottom-color | * color | Sets the color of an element's bottom borders; default is the color of the element |
| border-left | See description | Sets an element's left border; value is one or more of a color, a value for *border-left-width*, and a value for *border-style*. |
| border-left-width | * length * thin * medium * thick | Sets the thickness of an element's left border |
| border-right | See description | Sets an element's right border; value is one or more of a color, a value for *border-right-width*, and a value for *border-style*. |
| border-right-width | * length * thin * medium * thick | Sets the thickness of an element's right border |
| border-spacing | See description | With separate borders set the spacing between borders. One value sets vertical and horizontal spacing and two values sets horizontal and vertical spacing respectively. |
| border-style | * dashed * dotted * double * groove * inset * none * outset * ridge * solid | Sets the style of all four of an element's borders |
| border-top | See description | Sets an element's top border; value is one or more of a color, a value for *border-top-width*, and a value for *border-style* |
| border-top-width | * length * thin * medium * thick | Sets the thickness of an element's top border. |
| border-width | * length * thin * medium * thick | Sets the thickness of all four of an element's borders |
| bottom | * length * percent | Used with the *position* property to place the bottom edge of an element |
| caption-side | * top * bottom * left * right | Sets the position for a table caption |
| clear | * both * left * none * right | Sets which margins of an element must not be adjacent to a floating element; the element is moved down until that margin is clear |
| clip | * shape | Sets the clipping mask for an element |
| color | * color | Sets the color of an element |
| content | See description | Inserts generated content around an element. |
| counter-increment | See description | Increments a counter by 1; value is a list of counter names, with each name optionally followed by a value by which it is incremented. |
| counter-reset | See description | Resets a counter to zero; value is a list of counter names, with each name optionally followed by a value to which it is reset. |
| cue-after | * url * none | Plays the designated sound after an element is spoken |
| cue-before | * url * none | Plays the designated sound before an element is spoken |
| cursor | * url * auto * crosshair * default * active * pointer * move * e-resize * ne-resize * nw-resize * n-resize * se-resize * sw-resize * s-resize * w-resize * text * wait * help * progress | Defines shap of the cursor |
| direction | * ltr * rtl | Defines direction of the flow of an element content |
| display | * block * inline * list-items * marker * none | Controls how an element is displayed |
| elevation | * angle * below * level * above * higher * lower | Sets the height at which a sound is played |
| empty-cells | * hide * show | With separate borders, hides empty cells in a table |
| float | * left * none * right | Determines if an element floats to the left or right, allowing text to wrap around it or be displayed inline |
| font | See description | Sets all the font attributes for an element. Value is any of the values for:   * font-style * font-variant * font-weight * font-size * line-height * font-family |
| font-family | List of font names | Defines the font for an element, either as a specific font or as one of the generic serif, sans-serif, cursive, fantasy, and monospace. |
| font-size | * xx-small * x-small * small * medium * large * xlarge * xx-large * larger * smaller * length * percent | Defines the font size |
| font-size-adjust | * none * ratio | Adjusts the current font's aspect ratio |
| font-stretch | * wider * normal * narrower * ultracondensed * extracondensed * condensed * semi-condensed * semiexpanded * expanded * extra-ex | Determines the amount to stretch the current font |
| font-style | * normal * italic * oblique | Defines the style of the face, either normal or some type of slanted style |
| font-variant | * normal * small-caps | Defines a font to be in small caps |
| font-weight | * normal * bold * bolder * lighter * number | Defines the font weight . if a number is used, it must be a multiple of 100 between 100 and 900; 400 is normal, 700 is the same as the keyword bold |
| height | * length * auto | Defines the height of an element |
| left | * length * percent | Used with the *position* property to place the left edge of an element |
| letter-spacing | * length * normal | Inserts additional space between text characters |
| line-height | * length * number * normal * percent | Sets the distance between adjacent text baselines |
| list-style | See description | Defines list-related styles using any of the values for:   * list-style-image * liststyle-position * list-style-type |
| list-style-image | * url * none | Defines an image to be used as a list item's marker, in lieu of the value for:   * list-style-type   . |
| list-style-position | * inside * outside | Indents or extends (default) a list item's marker with respect to the item's content |
| list-style-type | * circle * disc * square * decimal * lower-alpha * lower-roman * none * upper-alpha * upperroman | Defines a list item's marker either for unordered lists (circle, disc, or square) or for ordered lists (decimal, loweralpha, lower-roman, none, upper-alpha, or upper-roman) |
| margin | * length * percent * auto | Defines all four of an element's margins |
| margin-bottom | * length * percent * auto | Defines the bottom margin of an element. Default value is 0. |
| margin-left | * length * percent * auto | Defines the left margin of an element. Default value is 0. |
| margin-right | * length * percent * auto | Defines the right margin of an element. Default value is 0. |
| margin-top | * length * percent * auto | Defines the top margin of an element. Default value is 0. |
| marker-offset | * length * auto | The marker-offset property can be used in bulleted lists for specifying the distance between the nearest border edges of a marker box (or bullet) and its associated principal box. |
| marks | * crop * cross * none * inherit | The marks property is used to set crop marks and cross marks on paged media. This is used with the @page rule. |
| max-height | * percent * length * none | max-height property is used to constrain the height of an element. |
| max-width | * percent * length * none | max-width property is used to set the maximum width of an element. |
| min-height | * percent * length | min-height property is used to constrain the height of an element. |
| min-width | * percent * length | min-width property is used to constrain the width of an element. |
| orphans | * number | Sets the minimum number of lines allowed in an orphaned paragraph fragment |
| outline | See the description | The outline property is a shorthand property to specify all outline properties. |
| outline-color | * color * invert | The outline-color property is used to specify the color of the outline. Note that, unlike the border property, outline does not take up extra space and it can be non-rectangular. |
| outline-color-style | * none * hidden * dotted * dashed * solid * double * groove * ridge * inset * outset | The outline-style property is used to specify the style of the outline. Note that, unlike the border property, outline does not take up extra space and it can be non-rectangular. |
| outline-width | * thin * medium * thick * length (i.e. 1px) * inherit | The outline-color property is used to specify the color of the outline. Note that, unlike the border property, outline does not take up extra space and it can be non-rectangular. |
| overflow | * auto * hidden * scroll * visible | Determines how overflow content is rendered |
| padding | See description | Defines all four padding amounts around an element |
| padding-bottom | * length * percent | Defines the bottom padding of an element. Default value is 0 |
| padding-left | * length * percent | Defines the left padding of an element. Default value is 0 |
| padding-right | * length * percent | Defines the right padding of an element. Default value is 0 |
| padding-top | * length * percent | Defines the top padding of an element. Default value is 0 |
| page | * name | Associates a named page layout with an element |
| page-break-after | * auto * always * avoid * left * right | Forces or suppresses page breaks after an element. |
| page-break-before | * auto * always * avoid * left * right | Forces or suppresses page breaks before an element. |
| page-break-inside | * auto * avoid | Suppresses page breaks within an element |
| pause | * percent * time | The pause property is CSS shorthand for specifying shorthand property for specifying pauses in aural media. |
| pause-after | * percent * time | Pauses a media after speaking an element |
| pause-before | * percent * time | Pauses a media before speaking an element |
| pitch | * frequency * x-low * low * medium * high * x-high | Sets the average pitch of an element's spoken content |
| pitch-range | * number | Sets the range of the pitch, from 0 (flat) to 100 (broad); default is 50 |
| play-during | * url * mix * none * repeat | If a URL is provided, it is played during an element's spoken content . specifying *repeat* loops the audio; *mix* causes it to mix with, rather than replace, other background audio. |
| position | * absolute * fixed * relative * static | Sets the positioning model for an element |
| quotes | List of strings | Sets the quote symbols used to quote text |
| richness | * number | Sets the richness of the voice, from 0 (flat) to 100 (mellifluous); default is 50 |
| right | * length * percent | Used with the *position* property to place the right edge of an element. |
| size | * auto * length * portrait * landscape * inherit | The size property is used in paged media to specify the size of the page. |
| speak | * normal * none * spell-out | Determines how an element's content is spoken. |
| speak-header | * always * once | Determines if table headers are spoken once for each row or column or each time a cell is spoken. |
| speak-numeral | * continuous * digits | Determines how numerals are spoken |
| speak-punctuation | * code * none | Determines if punctuation is spoken or used for inflection |
| speech-rate | * number * x-slow * slow * medium * fast * x-fast * faster * slower | Sets the rate of speech; a number sets the rate in words per minute |
| stress | * number | Sets the stress of the voice, from 0 (catatonic) to 100 (hyperactive); default is 50. |
| table-layout | * auto * fixed | Determines the table-rendering algorithm |
| text-align | * center * justify * left * right | Sets the text alignment style for an element |
| text-decoration | * blink * line-through * none * overline * underline | Defines any decoration for the text; values may be combined |
| text-indent | * length * percent | Defines the indentation of the first line of text in an element; default is 0 |
| text-shadow | See description | Creates text drop shadows of varying colors and offsets |
| text-transform | * capitalize * lowercase * none * uppercase | Transforms the text in the element accordingly |
| top | * length * percent | Used with the *position* property to place the top edge of an element. |
| vertical-align | * percent * baseline * bottom * middle * sub * super * text-bottom * text-top * top | Sets the vertical positioning of an element |
| visibility | * collapse * hidden * visible | Determines if an element is visible in the document or table |
| voice-family | List of voices | Selects a named voice family to speak an element's content |
| volume | * number * percent * silent * x-soft * soft * medium * loud * x-loud | Sets the volume of spoken content; numeric values range from 0 to 100 |
| white-space | * normal * nowrap * pre | Defines how whitespace within an element is handled |
| widows | * number | Sets the minimum number of lines allowed in a widowed paragraph fragment |
| width | * length * percent * auto | Defines the width of an element |
| word-spacing | * length * normal | Inserts additional space between words |
| z-index | * number | Sets the rendering layer for the current element. |

**Pseudo-classes & Pseudo-elements:**

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| **Property** | **Description** |
| :active | Use this class to add special effect to an activated element |
| :focus | Use this class to add special effect to an element while the element has focus |
| :hover | Use this class to add special effect to an element when you mouse over it |
| :link | Use this class to add special effect to an unvisited link |
| :visited | Use this class to add special effect to a visited link |
| :first-child | Use this class to add special effect to an element that is the first child of some other element. |
| :lang | Use this class to specify a language to use in a specified element |
| :first-letter | Use this element to add special effect to the first letter of a text |
| :first-line | Use this element to add special effect to the first line of a text |
| :before | Use this element to insert some content before an element |
| :after | Use this element to insert some content after an element |