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| --- | --- | --- | --- |
| **Selector** | **Example** | | **Example description** |
| [#*id*](https://www.w3schools.com/cssref/sel_id.asp) | #firstname | | Selects the element with id="firstname" |
| [.*class*](https://www.w3schools.com/cssref/sel_class.asp) | .intro | | Selects all elements with class="intro" |
| [*element.class*](https://www.w3schools.com/cssref/sel_element_class.asp) | p.intro | | Selects only <p> elements with class="intro" |
| [\*](https://www.w3schools.com/cssref/sel_all.asp) | \* | | Selects all elements |
| [*element*](https://www.w3schools.com/cssref/sel_element.asp) | p | | Selects all <p> elements |
| [*element,element,..*](https://www.w3schools.com/cssref/sel_element_comma.asp) | div, p | | Selects all <div> elements and all <p> elements |
| **Property** | | **Description** | |
| [background-position](https://www.w3schools.com/cssref/pr_background-position.asp) | | Sets the starting position of a background image | |
| [background-repeat](https://www.w3schools.com/cssref/pr_background-repeat.asp) | | Sets how a background image will be repeated | |
| Property | | Description | |
| [background-attachment](https://www.w3schools.com/cssref/pr_background-attachment.asp) | | Sets whether a background image is fixed or scrolls with the rest of the page | |
| Property | | Description | |
| [background](https://www.w3schools.com/cssref/css3_pr_background.asp) | | Sets all the background properties in one declaration | |
| [background-attachment](https://www.w3schools.com/cssref/pr_background-attachment.asp) | | Sets whether a background image is fixed or scrolls with the rest of the page | |
| [background-clip](https://www.w3schools.com/cssref/css3_pr_background-clip.asp) | | Specifies the painting area of the background | |
| [background-color](https://www.w3schools.com/cssref/pr_background-color.asp) | | Sets the background color of an element | |
| [background-image](https://www.w3schools.com/cssref/pr_background-image.asp) | | Sets the background image for an element | |
| [background-origin](https://www.w3schools.com/cssref/css3_pr_background-origin.asp) | | Specifies where the background image(s) is/are positioned | |
| [background-position](https://www.w3schools.com/cssref/pr_background-position.asp) | | Sets the starting position of a background image | |
| [background-repeat](https://www.w3schools.com/cssref/pr_background-repeat.asp) | | Sets how a background image will be repeated | |
| [background-size](https://www.w3schools.com/cssref/css3_pr_background-size.asp) | | Specifies the size of the background image(s) | |
| Property | | Description | |
| [border](https://www.w3schools.com/cssref/pr_border.asp) | | Sets all the border properties in one declaration | |
| [border-bottom](https://www.w3schools.com/cssref/pr_border-bottom.asp) | | Sets all the bottom border properties in one declaration | |
| [border-bottom-color](https://www.w3schools.com/cssref/pr_border-bottom_color.asp) | | Sets the color of the bottom border | |
| [border-bottom-style](https://www.w3schools.com/cssref/pr_border-bottom_style.asp) | | Sets the style of the bottom border | |
| [border-bottom-width](https://www.w3schools.com/cssref/pr_border-bottom_width.asp) | | Sets the width of the bottom border | |
| [border-color](https://www.w3schools.com/cssref/pr_border-color.asp) | | Sets the color of the four borders | |
| [border-left](https://www.w3schools.com/cssref/pr_border-left.asp) | | Sets all the left border properties in one declaration | |
| [border-left-color](https://www.w3schools.com/cssref/pr_border-left_color.asp) | | Sets the color of the left border | |
| [border-left-style](https://www.w3schools.com/cssref/pr_border-left_style.asp) | | Sets the style of the left border | |
| [border-left-width](https://www.w3schools.com/cssref/pr_border-left_width.asp) | | Sets the width of the left border | |
| [border-radius](https://www.w3schools.com/cssref/css3_pr_border-radius.asp) | | Sets all the four border-\*-radius properties for rounded corners | |
| [border-right](https://www.w3schools.com/cssref/pr_border-right.asp) | | Sets all the right border properties in one declaration | |
| [border-right-color](https://www.w3schools.com/cssref/pr_border-right_color.asp) | | Sets the color of the right border | |
| [border-right-style](https://www.w3schools.com/cssref/pr_border-right_style.asp) | | Sets the style of the right border | |
| [border-right-width](https://www.w3schools.com/cssref/pr_border-right_width.asp) | | Sets the width of the right border | |
| [border-style](https://www.w3schools.com/cssref/pr_border-style.asp) | | Sets the style of the four borders | |
| [border-top](https://www.w3schools.com/cssref/pr_border-top.asp) | | Sets all the top border properties in one declaration | |
| [border-top-color](https://www.w3schools.com/cssref/pr_border-top_color.asp) | | Sets the color of the top border | |
| [border-top-style](https://www.w3schools.com/cssref/pr_border-top_style.asp) | | Sets the style of the top border | |
| [border-top-width](https://www.w3schools.com/cssref/pr_border-top_width.asp) | | Sets the width of the top border | |
| [border-width](https://www.w3schools.com/cssref/pr_border-width.asp) | | Sets the width of the four borders | |

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| **Property** | **Description** | | |
| [margin](https://www.w3schools.com/cssref/pr_margin.asp) | A shorthand property for setting all the margin properties in one declaration | | |
| [margin-bottom](https://www.w3schools.com/cssref/pr_margin-bottom.asp) | Sets the bottom margin of an element | | |
| [margin-left](https://www.w3schools.com/cssref/pr_margin-left.asp) | Sets the left margin of an element | | |
| [margin-right](https://www.w3schools.com/cssref/pr_margin-right.asp) | Sets the right margin of an element | | |
| [margin-top](https://www.w3schools.com/cssref/pr_margin-top.asp) | Sets the top margin of an element | | |
| Property | Description | | |
| [margin](https://www.w3schools.com/cssref/pr_margin.asp) | A shorthand property for setting all the margin properties in one declaration | | |
| [margin-bottom](https://www.w3schools.com/cssref/pr_margin-bottom.asp) | Sets the bottom margin of an element | | |
| [margin-left](https://www.w3schools.com/cssref/pr_margin-left.asp) | Sets the left margin of an element | | |
| [margin-right](https://www.w3schools.com/cssref/pr_margin-right.asp) | Sets the right margin of an element | | |
| [margin-top](https://www.w3schools.com/cssref/pr_margin-top.asp) | Sets the top margin of an element | | |
| Property | Description | | |
| [padding](https://www.w3schools.com/cssref/pr_padding.asp) | A shorthand property for setting all the padding properties in one declaration | | |
| [padding-bottom](https://www.w3schools.com/cssref/pr_padding-bottom.asp) | Sets the bottom padding of an element | | |
| [padding-left](https://www.w3schools.com/cssref/pr_padding-left.asp) | Sets the left padding of an element | | |
| [padding-right](https://www.w3schools.com/cssref/pr_padding-right.asp) | Sets the right padding of an element | | |
| [padding-top](https://www.w3schools.com/cssref/pr_padding-top.asp) | Sets the top padding of an element | | |
| Property | Description | | |
| [height](https://www.w3schools.com/cssref/pr_dim_height.asp) | Sets the height of an element | | |
| [max-height](https://www.w3schools.com/cssref/pr_dim_max-height.asp) | Sets the maximum height of an element | | |
| [max-width](https://www.w3schools.com/cssref/pr_dim_max-width.asp) | Sets the maximum width of an element | | |
| [min-height](https://www.w3schools.com/cssref/pr_dim_min-height.asp) | Sets the minimum height of an element | | |
| [min-width](https://www.w3schools.com/cssref/pr_dim_min-width.asp) | Sets the minimum width of an element | | |
| [width](https://www.w3schools.com/cssref/pr_dim_width.asp) | Sets the width of an element | | |
| Property | Description | | |
| [outline](https://www.w3schools.com/cssref/pr_outline.asp) | A shorthand property for setting outline-width, outline-style, and outline-color in one declaration | | |
| [outline-color](https://www.w3schools.com/cssref/pr_outline-color.asp) | Sets the color of an outline | | |
| [outline-offset](https://www.w3schools.com/cssref/css3_pr_outline-offset.asp) | Specifies the space between an outline and the edge or border of an element | | |
| [outline-style](https://www.w3schools.com/cssref/pr_outline-style.asp) | Sets the style of an outline | | |
| [outline-width](https://www.w3schools.com/cssref/pr_outline-width.asp) | Sets the width of an outline | | |
| Property | Description | | |
| [direction](https://www.w3schools.com/cssref/pr_text_direction.asp) | Specifies the text direction/writing direction | | |
| [text-align](https://www.w3schools.com/cssref/pr_text_text-align.asp) | Specifies the horizontal alignment of text | | |
| [text-align-last](https://www.w3schools.com/cssref/css3_pr_text-align-last.asp) | Specifies how to align the last line of a text | | |
| [unicode-bidi](https://www.w3schools.com/cssref/pr_text_unicode-bidi.asp) | Used together with the [direction](https://www.w3schools.com/cssref/pr_text_direction.asp) property to set or return whether the text should be overridden to support multiple languages in the same document | | |
| [vertical-align](https://www.w3schools.com/cssref/pr_pos_vertical-align.asp) | Sets the vertical alignment of an element | | |
| Property | Description | | |
| [text-decoration](https://www.w3schools.com/cssref/pr_text_text-decoration.asp) | Sets all the text-decoration properties in one declaration | | |
| [text-decoration-color](https://www.w3schools.com/cssref/css3_pr_text-decoration-color.asp) | Specifies the color of the text-decoration | | |
| [text-decoration-line](https://www.w3schools.com/cssref/css3_pr_text-decoration-line.asp) | Specifies the kind of text decoration to be used (underline, overline, etc.) | | |
| [text-decoration-style](https://www.w3schools.com/cssref/css3_pr_text-decoration-style.asp) | Specifies the style of the text decoration (solid, dotted, etc.) | | |
| [text-decoration-thickness](https://www.w3schools.com/cssref/pr_text_text-decoration-thickness.asp) | Specifies the thickness of the text decoration line | | |
| Property | Description | | |
| [text-transform](https://www.w3schools.com/cssref/pr_text_text-transform.asp) | Controls the capitalization of text | | |
| Property | Description | | |
| [letter-spacing](https://www.w3schools.com/cssref/pr_text_letter-spacing.asp) | Specifies the space between characters in a text | | |
| [line-height](https://www.w3schools.com/cssref/pr_dim_line-height.asp) | Specifies the line height | | |
| [text-indent](https://www.w3schools.com/cssref/pr_text_text-indent.asp) | Specifies the indentation of the first line in a text-block | | |
| [white-space](https://www.w3schools.com/cssref/pr_text_white-space.asp) | Specifies how to handle white-space inside an element | | |
| [word-spacing](https://www.w3schools.com/cssref/pr_text_word-spacing.asp) | Specifies the space between words in a text | | |
| Property | Description | | |
| [font](https://www.w3schools.com/cssref/pr_font_font.asp) | Sets all the font properties in one declaration | | |
| [font-family](https://www.w3schools.com/cssref/pr_font_font-family.asp) | Specifies the font family for text | | |
| [font-size](https://www.w3schools.com/cssref/pr_font_font-size.asp) | Specifies the font size of text | | |
| [font-style](https://www.w3schools.com/cssref/pr_font_font-style.asp) | Specifies the font style for text | | |
| [font-variant](https://www.w3schools.com/cssref/pr_font_font-variant.asp) | Specifies whether or not a text should be displayed in a small-caps font | | |
| [font-weight](https://www.w3schools.com/cssref/pr_font_weight.asp) | Specifies the weight of a font | | |
| Property | Description | | |
| [list-style](https://www.w3schools.com/cssref/pr_list-style.asp) | Sets all the properties for a list in one declaration | | |
| [list-style-image](https://www.w3schools.com/cssref/pr_list-style-image.asp) | Specifies an image as the list-item marker | | |
| [list-style-position](https://www.w3schools.com/cssref/pr_list-style-position.asp) | Specifies the position of the list-item markers (bullet points) | | |
| [list-style-type](https://www.w3schools.com/cssref/pr_list-style-type.asp) | Specifies the type of list-item marker | | |
| Property | Description | | |
| [border](https://www.w3schools.com/cssref/pr_border.asp) | Sets all the border properties in one declaration | | |
| [border-collapse](https://www.w3schools.com/cssref/pr_border-collapse.asp) | Specifies whether or not table borders should be collapsed | | |
| [border-spacing](https://www.w3schools.com/cssref/pr_border-spacing.asp) | Specifies the distance between the borders of adjacent cells | | |
| [caption-side](https://www.w3schools.com/cssref/pr_tab_caption-side.asp) | Specifies the placement of a table caption | | |
| [empty-cells](https://www.w3schools.com/cssref/pr_tab_empty-cells.asp) | Specifies whether or not to display borders and background on empty cells in a table | | |
| [table-layout](https://www.w3schools.com/cssref/pr_tab_table-layout.asp) | Sets the layout algorithm to be used for a table | | |
| Value | Description | | |
| inline | Displays an element as an inline element | | |
| block | Displays an element as a block element | | |
| contents | Makes the container disappear, making the child elements children of the element the next level up in the DOM | | |
| flex | Displays an element as a block-level flex container | | |
| grid | Displays an element as a block-level grid container | | |
| inline-block | Displays an element as an inline-level block container. The element itself is formatted as an inline element, but you can apply height and width values | | |
| inline-flex | Displays an element as an inline-level flex container | | |
| inline-grid | Displays an element as an inline-level grid container | | |
| inline-table | The element is displayed as an inline-level table | | |
| list-item | Let the element behave like a <li> element | | |
| run-in | Displays an element as either block or inline, depending on context | | |
| table | Let the element behave like a <table> element | | |
| table-caption | Let the element behave like a <caption> element | | |
| table-column-group | Let the element behave like a <colgroup> element | | |
| table-header-group | Let the element behave like a <thead> element | | |
| table-footer-group | Let the element behave like a <tfoot> element | | |
| table-row-group | Let the element behave like a <tbody> element | | |
| table-cell | Let the element behave like a <td> element | | |
| table-column | Let the element behave like a <col> element | | |
| table-row | Let the element behave like a <tr> element | | |
| none | The element is completely removed | | |
| initial | Sets this property to its default value | | |
| inherit | Inherits this property from its parent element | | |
| Property | Description | | |
| [display](https://www.w3schools.com/cssref/pr_class_display.php) | Specifies how an element should be displayed | | |
| [visibility](https://www.w3schools.com/cssref/pr_class_visibility.php) | Specifies whether or not an element should be visible | | |
| Property | Description | | |
| [bottom](https://www.w3schools.com/cssref/pr_pos_bottom.php) | Sets the bottom margin edge for a positioned box | | |
| [clip](https://www.w3schools.com/cssref/pr_pos_clip.php) | Clips an absolutely positioned element | | |
| [left](https://www.w3schools.com/cssref/pr_pos_left.php) | Sets the left margin edge for a positioned box | | |
| [position](https://www.w3schools.com/cssref/pr_class_position.php) | Specifies the type of positioning for an element | | |
| [right](https://www.w3schools.com/cssref/pr_pos_right.php) | Sets the right margin edge for a positioned box | | |
| [top](https://www.w3schools.com/cssref/pr_pos_top.php) | Sets the top margin edge for a positioned box | | |
| [z-index](https://www.w3schools.com/cssref/pr_pos_z-index.asp) | Sets the stack order of an element | | |
| Property | Description | | |
| [overflow](https://www.w3schools.com/cssref/pr_pos_overflow.asp) | Specifies what happens if content overflows an element's box | | |
| [overflow-wrap](https://www.w3schools.com/cssref/css3_pr_overflow-wrap.asp) | Specifies whether or not the browser can break lines with long words, if they overflow its container | | |
| [overflow-x](https://www.w3schools.com/cssref/css3_pr_overflow-x.asp) | Specifies what to do with the left/right edges of the content if it overflows the element's content area | | |
| [overflow-y](https://www.w3schools.com/cssref/css3_pr_overflow-y.asp) | Specifies what to do with the top/bottom edges of the content if it overflows the element's content area | | |
| Property | Description | | |
| [box-sizing](https://www.w3schools.com/cssref/css3_pr_box-sizing.asp) | Defines how the width and height of an element are calculated: should they include padding and borders, or not | | |
| [clear](https://www.w3schools.com/cssref/pr_class_clear.asp) | Specifies what should happen with the element that is next to a floating element | | |
| [float](https://www.w3schools.com/cssref/pr_class_float.asp) | Specifies whether an element should float to the left, right, or not at all | | |
| [overflow](https://www.w3schools.com/cssref/pr_pos_overflow.asp) | Specifies what happens if content overflows an element's box | | |
| [overflow-x](https://www.w3schools.com/cssref/css3_pr_overflow-x.asp) | Specifies what to do with the left/right edges of the content if it overflows the element's content area | | |
| [overflow-y](https://www.w3schools.com/cssref/css3_pr_overflow-y.asp) | Specifies what to do with the top/bottom edges of the content if it overflows the element's content area | | |
| **Selector** | **Example** | | **Example description** |
| [*element element*](https://www.w3schools.com/cssref/sel_element_element.asp) | div p | | Selects all <p> elements inside <div> elements |
| [*element>element*](https://www.w3schools.com/cssref/sel_element_gt.asp) | div > p | | Selects all <p> elements where the parent is a <div> element |
| [*element+element*](https://www.w3schools.com/cssref/sel_element_pluss.asp) | div + p | | Selects the first <p> element that are placed immediately after <div> elements |
| [*element1~element2*](https://www.w3schools.com/cssref/sel_gen_sibling.asp) | p ~ ul | | Selects every <ul> element that are preceded by a <p> element |
| Selector | Example | | Example description |
| [:active](https://www.w3schools.com/cssref/sel_active.asp) | a:active | | Selects the active link |
| [:checked](https://www.w3schools.com/cssref/sel_checked.asp) | input:checked | | Selects every checked <input> element |
| [:disabled](https://www.w3schools.com/cssref/sel_disabled.asp) | input:disabled | | Selects every disabled <input> element |
| [:empty](https://www.w3schools.com/cssref/sel_empty.asp) | p:empty | | Selects every <p> element that has no children |
| [:enabled](https://www.w3schools.com/cssref/sel_enabled.asp) | input:enabled | | Selects every enabled <input> element |
| [:first-child](https://www.w3schools.com/cssref/sel_firstchild.asp) | p:first-child | | Selects every <p> elements that is the first child of its parent |
| [:first-of-type](https://www.w3schools.com/cssref/sel_first-of-type.asp) | p:first-of-type | | Selects every <p> element that is the first <p> element of its parent |
| [:focus](https://www.w3schools.com/cssref/sel_focus.asp) | input:focus | | Selects the <input> element that has focus |
| [:hover](https://www.w3schools.com/cssref/sel_hover.asp) | a:hover | | Selects links on mouse over |
| [:in-range](https://www.w3schools.com/cssref/sel_in-range.asp) | input:in-range | | Selects <input> elements with a value within a specified range |
| [:invalid](https://www.w3schools.com/cssref/sel_invalid.asp) | input:invalid | | Selects all <input> elements with an invalid value |
| [:lang(language)](https://www.w3schools.com/cssref/sel_lang.asp) | p:lang(it) | | Selects every <p> element with a lang attribute value starting with "it" |
| [:last-child](https://www.w3schools.com/cssref/sel_last-child.asp) | p:last-child | | Selects every <p> elements that is the last child of its parent |
| [:last-of-type](https://www.w3schools.com/cssref/sel_last-of-type.asp) | p:last-of-type | | Selects every <p> element that is the last <p> element of its parent |
| [:link](https://www.w3schools.com/cssref/sel_link.asp) | a:link | | Selects all unvisited links |
| [:not(selector)](https://www.w3schools.com/cssref/sel_not.asp) | :not(p) | | Selects every element that is not a <p> element |
| [:nth-child(n)](https://www.w3schools.com/cssref/sel_nth-child.asp) | p:nth-child(2) | | Selects every <p> element that is the second child of its parent |
| [:nth-last-child(n)](https://www.w3schools.com/cssref/sel_nth-last-child.asp) | p:nth-last-child(2) | | Selects every <p> element that is the second child of its parent, counting from the last child |
| [:nth-last-of-type(n)](https://www.w3schools.com/cssref/sel_nth-last-of-type.asp) | p:nth-last-of-type(2) | | Selects every <p> element that is the second <p> element of its parent, counting from the last child |
| [:nth-of-type(n)](https://www.w3schools.com/cssref/sel_nth-of-type.asp) | p:nth-of-type(2) | | Selects every <p> element that is the second <p> element of its parent |
| [:only-of-type](https://www.w3schools.com/cssref/sel_only-of-type.asp) | p:only-of-type | | Selects every <p> element that is the only <p> element of its parent |
| [:only-child](https://www.w3schools.com/cssref/sel_only-child.asp) | p:only-child | | Selects every <p> element that is the only child of its parent |
| [:optional](https://www.w3schools.com/cssref/sel_optional.asp) | input:optional | | Selects <input> elements with no "required" attribute |
| [:out-of-range](https://www.w3schools.com/cssref/sel_out-of-range.asp) | input:out-of-range | | Selects <input> elements with a value outside a specified range |
| [:read-only](https://www.w3schools.com/cssref/sel_read-only.asp) | input:read-only | | Selects <input> elements with a "readonly" attribute specified |
| [:read-write](https://www.w3schools.com/cssref/sel_read-write.asp) | input:read-write | | Selects <input> elements with no "readonly" attribute |
| [:required](https://www.w3schools.com/cssref/sel_required.asp) | input:required | | Selects <input> elements with a "required" attribute specified |
| [:root](https://www.w3schools.com/cssref/sel_root.asp) | root | | Selects the document's root element |
| [:target](https://www.w3schools.com/cssref/sel_target.asp) | #news:target | | Selects the current active #news element (clicked on a URL containing that anchor name) |
| [:valid](https://www.w3schools.com/cssref/sel_valid.asp) | input:valid | | Selects all <input> elements with a valid value |
| [:visited](https://www.w3schools.com/cssref/sel_visited.asp) | a:visited | | Selects all visited links |
| Selector | Example | | Example description |
| [::after](https://www.w3schools.com/cssref/sel_after.asp) | p::after | | Insert content after every <p> element |
| [::before](https://www.w3schools.com/cssref/sel_before.asp) | p::before | | Insert content before every <p> element |
| [::first-letter](https://www.w3schools.com/cssref/sel_firstletter.asp) | p::first-letter | | Selects the first letter of every <p> element |
| [::first-line](https://www.w3schools.com/cssref/sel_firstline.asp) | p::first-line | | Selects the first line of every <p> element |
| [::marker](https://www.w3schools.com/cssref/sel_marker.asp) | ::marker | | Selects the markers of list items |
| [::selection](https://www.w3schools.com/cssref/sel_selection.asp) | p::selection | | Selects the portion of an element that is selected by a user |
| Selector | Example | | Example description |
| [::after](https://www.w3schools.com/cssref/sel_after.asp) | p::after | | Insert something after the content of each <p> element |
| [::before](https://www.w3schools.com/cssref/sel_before.asp) | p::before | | Insert something before the content of each <p> element |
| [::first-letter](https://www.w3schools.com/cssref/sel_firstletter.asp) | p::first-letter | | Selects the first letter of each <p> element |
| [::first-line](https://www.w3schools.com/cssref/sel_firstline.asp) | p::first-line | | Selects the first line of each <p> element |
| [::marker](https://www.w3schools.com/cssref/sel_marker.asp) | ::marker | | Selects the markers of list items |
| [::selection](https://www.w3schools.com/cssref/sel_selection.asp) | p::selection | | Selects the portion of an element that is selected by a user |
| Selector | Example | | Example description |
| [:active](https://www.w3schools.com/cssref/sel_active.asp) | a:active | | Selects the active link |
| [:checked](https://www.w3schools.com/cssref/sel_checked.asp) | input:checked | | Selects every checked <input> element |
| [:disabled](https://www.w3schools.com/cssref/sel_disabled.asp) | input:disabled | | Selects every disabled <input> element |
| [:empty](https://www.w3schools.com/cssref/sel_empty.asp) | p:empty | | Selects every <p> element that has no children |
| [:enabled](https://www.w3schools.com/cssref/sel_enabled.asp) | input:enabled | | Selects every enabled <input> element |
| [:first-child](https://www.w3schools.com/cssref/sel_firstchild.asp) | p:first-child | | Selects every <p> elements that is the first child of its parent |
| [:first-of-type](https://www.w3schools.com/cssref/sel_first-of-type.asp) | p:first-of-type | | Selects every <p> element that is the first <p> element of its parent |
| [:focus](https://www.w3schools.com/cssref/sel_focus.asp) | input:focus | | Selects the <input> element that has focus |
| [:hover](https://www.w3schools.com/cssref/sel_hover.asp) | a:hover | | Selects links on mouse over |
| [:in-range](https://www.w3schools.com/cssref/sel_in-range.asp) | input:in-range | | Selects <input> elements with a value within a specified range |
| [:invalid](https://www.w3schools.com/cssref/sel_invalid.asp) | input:invalid | | Selects all <input> elements with an invalid value |
| [:lang(language)](https://www.w3schools.com/cssref/sel_lang.asp) | p:lang(it) | | Selects every <p> element with a lang attribute value starting with "it" |
| [:last-child](https://www.w3schools.com/cssref/sel_last-child.asp) | p:last-child | | Selects every <p> elements that is the last child of its parent |
| [:last-of-type](https://www.w3schools.com/cssref/sel_last-of-type.asp) | p:last-of-type | | Selects every <p> element that is the last <p> element of its parent |
| [:link](https://www.w3schools.com/cssref/sel_link.asp) | a:link | | Selects all unvisited links |
| [:not(selector)](https://www.w3schools.com/cssref/sel_not.asp) | :not(p) | | Selects every element that is not a <p> element |
| [:nth-child(n)](https://www.w3schools.com/cssref/sel_nth-child.asp) | p:nth-child(2) | | Selects every <p> element that is the second child of its parent |
| [:nth-last-child(n)](https://www.w3schools.com/cssref/sel_nth-last-child.asp) | p:nth-last-child(2) | | Selects every <p> element that is the second child of its parent, counting from the last child |
| [:nth-last-of-type(n)](https://www.w3schools.com/cssref/sel_nth-last-of-type.asp) | p:nth-last-of-type(2) | | Selects every <p> element that is the second <p> element of its parent, counting from the last child |
| [:nth-of-type(n)](https://www.w3schools.com/cssref/sel_nth-of-type.asp) | p:nth-of-type(2) | | Selects every <p> element that is the second <p> element of its parent |
| [:only-of-type](https://www.w3schools.com/cssref/sel_only-of-type.asp) | p:only-of-type | | Selects every <p> element that is the only <p> element of its parent |
| [:only-child](https://www.w3schools.com/cssref/sel_only-child.asp) | p:only-child | | Selects every <p> element that is the only child of its parent |
| [:optional](https://www.w3schools.com/cssref/sel_optional.asp) | input:optional | | Selects <input> elements with no "required" attribute |
| [:out-of-range](https://www.w3schools.com/cssref/sel_out-of-range.asp) | input:out-of-range | | Selects <input> elements with a value outside a specified range |
| [:read-only](https://www.w3schools.com/cssref/sel_read-only.asp) | input:read-only | | Selects <input> elements with a "readonly" attribute specified |
| [:read-write](https://www.w3schools.com/cssref/sel_read-write.asp) | input:read-write | | Selects <input> elements with no "readonly" attribute |
| [:required](https://www.w3schools.com/cssref/sel_required.asp) | input:required | | Selects <input> elements with a "required" attribute specified |
| [:root](https://www.w3schools.com/cssref/sel_root.asp) | root | | Selects the document's root element |
| [:target](https://www.w3schools.com/cssref/sel_target.asp) | #news:target | | Selects the current active #news element (clicked on a URL containing that anchor name) |
| [:valid](https://www.w3schools.com/cssref/sel_valid.asp) | input:valid | | Selects all <input> elements with a valid value |
| [:visited](https://www.w3schools.com/cssref/sel_visited.asp) | a:visited | | Selects all visited links |
| Selector | Example | | Example description |
| [[attribute]](https://www.w3schools.com/cssref/sel_attribute.php) | [target] | | Selects all elements with a target attribute |
| [[attribute=value]](https://www.w3schools.com/cssref/sel_attribute_value.php) | [target="\_blank"] | | Selects all elements with target="\_blank" |
| [[attribute~=value]](https://www.w3schools.com/cssref/sel_attribute_value_contains.php) | [title~="flower"] | | Selects all elements with a title attribute that contains a space-separated list of words, one of which is "flower" |
| [[attribute|=value]](https://www.w3schools.com/cssref/sel_attribute_value_lang.php) | [lang|="en"] | | Selects all elements with a lang attribute value starting with "en" |
| [[attribute^=value]](https://www.w3schools.com/cssref/sel_attr_begin.php) | a[href^="https"] | | Selects all <a> elements with a href attribute value starting with "https" |
| [[attribute$=value]](https://www.w3schools.com/cssref/sel_attr_end.php) | a[href$=".pdf"] | | Selects all <a> elements with a href attribute value ending with ".pdf" |
| [[attribute\*=value]](https://www.w3schools.com/cssref/sel_attr_contain.php) | a[href\*="w3schools"] | | Selects all <a> elements with a href attribute value containing the substring "w3schools" |
| **Property** | **Description** | | |
| [content](https://www.w3schools.com/cssref/pr_gen_content.asp) | Used with the ::before and ::after pseudo-elements, to insert generated content | | |
| [counter-increment](https://www.w3schools.com/cssref/pr_gen_counter-increment.asp) | Increments one or more counter values | | |
| [counter-reset](https://www.w3schools.com/cssref/pr_gen_counter-reset.asp) | Creates or resets one or more counters | | |
| [counter()](https://www.w3schools.com/cssref/func_counter.asp) | Returns the current value of the named counter | | |
| Value | Description | | |
| expression | Required. A mathematical expression. The result will be used as the value. The following operators can be used: + - \* / | | |
| Function | Description | | |
| [calc()](https://www.w3schools.com/cssref/func_calc.asp) | Allows you to perform calculations to determine CSS property values | | |
| [max()](https://www.w3schools.com/cssref/func_max.asp) | Uses the largest value, from a comma-separated list of values, as the property value | | |
| [min()](https://www.w3schools.com/cssref/func_min.asp) | Uses the smallest value, from a comma-separated list of values, as the property value | | |
| Property | Description | | |
| [border-radius](https://www.w3schools.com/cssref/css3_pr_border-radius.asp) | A shorthand property for setting all the four border-\*-\*-radius properties | | |
| [border-top-left-radius](https://www.w3schools.com/cssref/css3_pr_border-top-left-radius.asp) | Defines the shape of the border of the top-left corner | | |
| [border-top-right-radius](https://www.w3schools.com/cssref/css3_pr_border-top-right-radius.asp) | Defines the shape of the border of the top-right corner | | |
| [border-bottom-right-radius](https://www.w3schools.com/cssref/css3_pr_border-bottom-right-radius.asp) | Defines the shape of the border of the bottom-right corner | | |
| [border-bottom-left-radius](https://www.w3schools.com/cssref/css3_pr_border-bottom-left-radius.asp) | Defines the shape of the border of the bottom-left corner | | |
| Property | Description | | |
| [border-image](https://www.w3schools.com/cssref/css3_pr_border-image.asp) | A shorthand property for setting all the border-image-\* properties | | |
| [border-image-source](https://www.w3schools.com/cssref/css3_pr_border-image-source.asp) | Specifies the path to the image to be used as a border | | |
| [border-image-slice](https://www.w3schools.com/cssref/css3_pr_border-image-slice.asp) | Specifies how to slice the border image | | |
| [border-image-width](https://www.w3schools.com/cssref/css3_pr_border-image-width.asp) | Specifies the widths of the border image | | |
| [border-image-outset](https://www.w3schools.com/cssref/css3_pr_border-image-outset.asp) | Specifies the amount by which the border image area extends beyond the border box | | |
| [border-image-repeat](https://www.w3schools.com/cssref/css3_pr_border-image-repeat.asp) | Specifies whether the border image should be repeated, rounded or stretched | | |
| Property | Description | | |
| [background](https://www.w3schools.com/cssref/css3_pr_background.asp) | A shorthand property for setting all the background properties in one declaration | | |
| [background-clip](https://www.w3schools.com/cssref/css3_pr_background-clip.asp) | Specifies the painting area of the background | | |
| [background-image](https://www.w3schools.com/cssref/pr_background-image.asp) | Specifies one or more background images for an element | | |
| [background-origin](https://www.w3schools.com/cssref/css3_pr_background-origin.asp) | Specifies where the background image(s) is/are positioned | | |
| [background-size](https://www.w3schools.com/cssref/css3_pr_background-size.asp) | Specifies the size of the background image(s) | | |
| Function | Description | | |
| [conic-gradient()](https://www.w3schools.com/cssref/func_conic-gradient.asp) | Creates a conic gradient. Define at least two colors (around a center point) | | |
| [linear-gradient()](https://www.w3schools.com/cssref/func_linear-gradient.asp) | Creates a linear gradient. Define at least two colors (top to bottom) | | |
| [radial-gradient()](https://www.w3schools.com/cssref/func_radial-gradient.asp) | Creates a radial gradient. Define at least two colors (center to edges) | | |
| [repeating-conic-gradient()](https://www.w3schools.com/cssref/func_repeating-conic-gradient.asp) | Repeats a conic gradient | | |
| [repeating-linear-gradient()](https://www.w3schools.com/cssref/func_repeating-linear-gradient.asp) | Repeats a linear gradient | | |
| [repeating-radial-gradient()](https://www.w3schools.com/cssref/func_repeating-radial-gradient.asp) | Repeats a radial gradient | | |
| Property | Description | | |
| [box-shadow](https://www.w3schools.com/cssref/css3_pr_box-shadow.asp) | Adds one or more shadows to an element | | |
| [text-shadow](https://www.w3schools.com/cssref/css3_pr_text-shadow.asp) | Adds one or more shadows to a text | | |
| Property | Description | | |
| [text-justify](https://www.w3schools.com/cssref/css3_pr_text-justify.asp) | Specifies how justified text should be aligned and spaced | | |
| [text-overflow](https://www.w3schools.com/cssref/css3_pr_text-overflow.asp) | Specifies how overflowed content that is not displayed should be signaled to the user | | |
| [word-break](https://www.w3schools.com/cssref/css3_pr_word-break.asp) | Specifies line breaking rules for non-CJK scripts | | |
| [word-wrap](https://www.w3schools.com/cssref/css3_pr_word-wrap.asp) | Allows long words to be able to be broken and wrap onto the next line | | |
| [writing-mode](https://www.w3schools.com/cssref/css3_pr_writing-mode.asp) | Specifies whether lines of text are laid out horizontally or vertically | | |
| **Descriptor** | **Values** | **Description** | |
| font-family | *name* | Required. Defines a name for the font | |
| src | *URL* | Required. Defines the URL of the font file | |
| font-stretch | normal condensed ultra-condensed extra-condensed semi-condensed expanded semi-expanded extra-expanded ultra-expanded | Optional. Defines how the font should be stretched. Default is "normal" | |
| font-style | normal italic oblique | Optional. Defines how the font should be styled. Default is "normal" | |
| font-weight | normal bold 100 200 300 400 500 600 700 800 900 | Optional. Defines the boldness of the font. Default is "normal" | |
| unicode-range | *unicode-range* | Optional. Defines the range of UNICODE characters the font supports. Default is "U+0-10FFFF" | |
| **Property** | **Description** | | |
| [transform](https://www.w3schools.com/cssref/css3_pr_transform.asp) | Applies a 2D or 3D transformation to an element | | |
| [transform-origin](https://www.w3schools.com/cssref/css3_pr_transform-origin.asp) | Allows you to change the position on transformed elements | | |
| Function | Description | | |
| matrix(n,n,n,n,n,n) | Defines a 2D transformation, using a matrix of six values | | |
| translate(x,y) | Defines a 2D translation, moving the element along the X- and the Y-axis | | |
| translateX(n) | Defines a 2D translation, moving the element along the X-axis | | |
| translateY(n) | Defines a 2D translation, moving the element along the Y-axis | | |
| scale(x,y) | Defines a 2D scale transformation, changing the elements width and height | | |
| scaleX(n) | Defines a 2D scale transformation, changing the element's width | | |
| scaleY(n) | Defines a 2D scale transformation, changing the element's height | | |
| rotate(angle) | Defines a 2D rotation, the angle is specified in the parameter | | |
| skew(x-angle,y-angle) | Defines a 2D skew transformation along the X- and the Y-axis | | |
| skewX(angle) | Defines a 2D skew transformation along the X-axis | | |
| skewY(angle) | Defines a 2D skew transformation along the Y-axis | | |
| Property | Description | | |
| [transform](https://www.w3schools.com/cssref/css3_pr_transform.asp) | Applies a 2D or 3D transformation to an element | | |
| [transform-origin](https://www.w3schools.com/cssref/css3_pr_transform-origin.asp) | Allows you to change the position on transformed elements | | |
| [transform-style](https://www.w3schools.com/cssref/css3_pr_transform-style.asp) | Specifies how nested elements are rendered in 3D space | | |
| [perspective](https://www.w3schools.com/cssref/css3_pr_perspective.asp) | Specifies the perspective on how 3D elements are viewed | | |
| [perspective-origin](https://www.w3schools.com/cssref/css3_pr_perspective-origin.asp) | Specifies the bottom position of 3D elements | | |
| [backface-visibility](https://www.w3schools.com/cssref/css3_pr_backface-visibility.asp) | Defines whether or not an element should be visible when not facing the screen | | |
| Function | Description | | |
| matrix3d (n,n,n,n,n,n,n,n,n,n,n,n,n,n,n,n) | Defines a 3D transformation, using a 4x4 matrix of 16 values | | |
| translate3d(x,y,z) | Defines a 3D translation | | |
| translateX(x) | Defines a 3D translation, using only the value for the X-axis | | |
| translateY(y) | Defines a 3D translation, using only the value for the Y-axis | | |
| translateZ(z) | Defines a 3D translation, using only the value for the Z-axis | | |
| scale3d(x,y,z) | Defines a 3D scale transformation | | |
| scaleX(x) | Defines a 3D scale transformation by giving a value for the X-axis | | |
| scaleY(y) | Defines a 3D scale transformation by giving a value for the Y-axis | | |
| scaleZ(z) | Defines a 3D scale transformation by giving a value for the Z-axis | | |
| rotate3d(x,y,z,angle) | Defines a 3D rotation | | |
| rotateX(angle) | Defines a 3D rotation along the X-axis | | |
| rotateY(angle) | Defines a 3D rotation along the Y-axis | | |
| rotateZ(angle) | Defines a 3D rotation along the Z-axis | | |
| perspective(n) | Defines a perspective view for a 3D transformed element | | |
| Property | Description | | |
| [transition](https://www.w3schools.com/cssref/css3_pr_transition.asp) | A shorthand property for setting the four transition properties into a single property | | |
| [transition-delay](https://www.w3schools.com/cssref/css3_pr_transition-delay.asp) | Specifies a delay (in seconds) for the transition effect | | |
| [transition-duration](https://www.w3schools.com/cssref/css3_pr_transition-duration.asp) | Specifies how many seconds or milliseconds a transition effect takes to complete | | |
| [transition-property](https://www.w3schools.com/cssref/css3_pr_transition-property.asp) | Specifies the name of the CSS property the transition effect is for | | |
| [transition-timing-function](https://www.w3schools.com/cssref/css3_pr_transition-timing-function.asp) | Specifies the speed curve of the transition effect | | |
| Property | Description | | |
| [@keyframes](https://www.w3schools.com/cssref/css3_pr_animation-keyframes.asp) | Specifies the animation code | | |
| [animation](https://www.w3schools.com/cssref/css3_pr_animation.asp) | A shorthand property for setting all the animation properties | | |
| [animation-delay](https://www.w3schools.com/cssref/css3_pr_animation-delay.asp) | Specifies a delay for the start of an animation | | |
| [animation-direction](https://www.w3schools.com/cssref/css3_pr_animation-direction.asp) | Specifies whether an animation should be played forwards, backwards or in alternate cycles | | |
| [animation-duration](https://www.w3schools.com/cssref/css3_pr_animation-duration.asp) | Specifies how long time an animation should take to complete one cycle | | |
| [animation-fill-mode](https://www.w3schools.com/cssref/css3_pr_animation-fill-mode.asp) | Specifies a style for the element when the animation is not playing (before it starts, after it ends, or both) | | |
| [animation-iteration-count](https://www.w3schools.com/cssref/css3_pr_animation-iteration-count.asp) | Specifies the number of times an animation should be played | | |
| [animation-name](https://www.w3schools.com/cssref/css3_pr_animation-name.asp) | Specifies the name of the @keyframes animation | | |
| [animation-play-state](https://www.w3schools.com/cssref/css3_pr_animation-play-state.asp) | Specifies whether the animation is running or paused | | |
| [animation-timing-function](https://www.w3schools.com/cssref/css3_pr_animation-timing-function.asp) | Specifies the speed curve of the animation | | |
| Property | Description | | |
| [object-fit](https://www.w3schools.com/cssref/css3_pr_object-fit.asp) | Specifies how an <img> or <video> should be resized to fit its container | | |
| [object-position](https://www.w3schools.com/cssref/css3_pr_object-position.asp) | Specifies how an <img> or <video> should be positioned with x/y coordinates inside its "own content box" | | |
| Property | Description | | |
| [object-fit](https://www.w3schools.com/cssref/css3_pr_object-fit.asp) | Specifies how an <img> or <video> should be resized to fit its container | | |
| [object-position](https://www.w3schools.com/cssref/css3_pr_object-position.asp) | Specifies how an <img> or <video> should be positioned with x/y coordinates inside its "own content box" | | |
| Property | Description | | |
| [mask-image](https://www.w3schools.com/cssref/css3_pr_mask-image.asp) | Specifies an image to be used as a mask layer for an element | | |
| [mask-mode](https://www.w3schools.com/cssref/css3_pr_mask-mode.asp) | Specifies whether the mask layer image is treated as a luminance mask or as an alpha mask | | |
| [mask-origin](https://www.w3schools.com/cssref/css3_pr_mask-origin.asp) | Specifies the origin position (the mask position area) of a mask layer image | | |
| [mask-position](https://www.w3schools.com/cssref/css3_pr_mask-position.asp) | Sets the starting position of a mask layer image (relative to the mask position area) | | |
| [mask-repeat](https://www.w3schools.com/cssref/css3_pr_mask-repeat.asp) | Specifies how the mask layer image is repeated | | |
| [mask-size](https://www.w3schools.com/cssref/css3_pr_mask-size.asp) | Specifies the size of a mask layer image | | |
| Property | Description | | |
| [column-count](https://www.w3schools.com/cssref/css3_pr_column-count.asp) | Specifies the number of columns an element should be divided into | | |
| [column-fill](https://www.w3schools.com/cssref/css3_pr_column-fill.asp) | Specifies how to fill columns | | |
| [column-gap](https://www.w3schools.com/cssref/css3_pr_column-gap.asp) | Specifies the gap between the columns | | |
| [column-rule](https://www.w3schools.com/cssref/css3_pr_column-rule.asp) | A shorthand property for setting all the column-rule-\* properties | | |
| [column-rule-color](https://www.w3schools.com/cssref/css3_pr_column-rule-color.asp) | Specifies the color of the rule between columns | | |
| [column-rule-style](https://www.w3schools.com/cssref/css3_pr_column-rule-style.asp) | Specifies the style of the rule between columns | | |
| [column-rule-width](https://www.w3schools.com/cssref/css3_pr_column-rule-width.asp) | Specifies the width of the rule between columns | | |
| [column-span](https://www.w3schools.com/cssref/css3_pr_column-span.asp) | Specifies how many columns an element should span across | | |
| [column-width](https://www.w3schools.com/cssref/css3_pr_column-width.asp) | Specifies a suggested, optimal width for the columns | | |
| [columns](https://www.w3schools.com/cssref/css3_pr_columns.asp) | A shorthand property for setting column-width and column-count | | |
| Property | Description | | |
| [outline-offset](https://www.w3schools.com/cssref/css3_pr_outline-offset.asp) | Adds space between an outline and the edge or border of an element | | |
| [resize](https://www.w3schools.com/cssref/css3_pr_resize.asp) | Specifies whether or not an element is resizable by the user | | |
| Property | Description | | |
| [var()](https://www.w3schools.com/cssref/func_var.asp) | Inserts the value of a CSS variable | | |
| Property | Description | | |
| [box-sizing](https://www.w3schools.com/cssref/css3_pr_box-sizing.asp) | Defines how the width and height of an element are calculated: should they include padding and borders, or not | | |

CSS Media Types

|  |  |
| --- | --- |
| **Value** | **Description** |
| all | Used for all media type devices |
| print | Used for print preview mode |
| screen | Used for computer screens, tablets, smart-phones etc. |
| Value | Description |
| orientation | Orientation of the viewport. Landscape or portrait |
| max-height | Maximum height of the viewport |
| min-height | Minimum height of the viewport |
| height | Height of the viewport (including scrollbar) |
| max-width | Maximum width of the viewport |
| min-width | Minimum width of the viewport |
| width | Width of the viewport (including scrollbar) |
| Property | Description |
| [align-content](https://www.w3schools.com/cssref/css3_pr_align-content.asp) | Modifies the behavior of the flex-wrap property. It is similar to align-items, but instead of aligning flex items, it aligns flex lines |
| [align-items](https://www.w3schools.com/cssref/css3_pr_align-items.asp) | Vertically aligns the flex items when the items do not use all available space on the cross-axis |
| [display](https://www.w3schools.com/cssref/pr_class_display.asp) | Specifies the type of box used for an HTML element |
| [flex-direction](https://www.w3schools.com/cssref/css3_pr_flex-direction.asp) | Specifies the direction of the flexible items inside a flex container |
| [flex-flow](https://www.w3schools.com/cssref/css3_pr_flex-flow.asp) | A shorthand property for flex-direction and flex-wrap |
| [flex-wrap](https://www.w3schools.com/cssref/css3_pr_flex-wrap.asp) | Specifies whether the flex items should wrap or not, if there is not enough room for them on one flex line |
| [justify-content](https://www.w3schools.com/cssref/css3_pr_justify-content.asp) | Horizontally aligns the flex items when the items do not use all available space on the main-axis |
| Property | Description |
| [align-self](https://www.w3schools.com/cssref/css3_pr_align-self.asp) | Specifies the alignment for a flex item (overrides the flex container's align-items property) |
| [flex](https://www.w3schools.com/cssref/css3_pr_flex.asp) | A shorthand property for the flex-grow, flex-shrink, and the flex-basis properties |
| [flex-basis](https://www.w3schools.com/cssref/css3_pr_flex-basis.asp) | Specifies the initial length of a flex item |
| [flex-grow](https://www.w3schools.com/cssref/css3_pr_flex-grow.asp) | Specifies how much a flex item will grow relative to the rest of the flex items inside the same container |
| [flex-shrink](https://www.w3schools.com/cssref/css3_pr_flex-shrink.asp) | Specifies how much a flex item will shrink relative to the rest of the flex items inside the same container |
| [order](https://www.w3schools.com/cssref/css3_pr_order.asp) | Specifies the order of the flex items inside the same container |
| [column-gap](https://www.w3schools.com/cssref/css3_pr_column-gap.asp) | Specifies the gap between the columns |
| [gap](https://www.w3schools.com/cssref/css3_pr_gap.asp) | A shorthand property for the row-gap and the column-gap properties |
| [grid](https://www.w3schools.com/cssref/pr_grid.asp) | A shorthand property for the grid-template-rows, grid-template-columns, grid-template-areas, grid-auto-rows, grid-auto-columns, and the grid-auto-flow properties |
| [grid-area](https://www.w3schools.com/cssref/pr_grid-area.asp) | Either specifies a name for the grid item, or this property is a shorthand property for the grid-row-start, grid-column-start, grid-row-end, and grid-column-end properties |
| [grid-auto-columns](https://www.w3schools.com/cssref/pr_grid-auto-columns.asp) | Specifies a default column size |
| [grid-auto-flow](https://www.w3schools.com/cssref/pr_grid-auto-flow.asp) | Specifies how auto-placed items are inserted in the grid |
| [grid-auto-rows](https://www.w3schools.com/cssref/pr_grid-auto-rows.asp) | Specifies a default row size |
| [grid-column](https://www.w3schools.com/cssref/pr_grid-column.asp) | A shorthand property for the grid-column-start and the grid-column-end properties |
| [grid-column-end](https://www.w3schools.com/cssref/pr_grid-column-end.asp) | Specifies where to end the grid item |
| [grid-column-gap](https://www.w3schools.com/cssref/pr_grid-column-gap.asp) | Specifies the size of the gap between columns |
| [grid-column-start](https://www.w3schools.com/cssref/pr_grid-column-start.asp) | Specifies where to start the grid item |
| [grid-gap](https://www.w3schools.com/cssref/pr_grid-gap.asp) | A shorthand property for the grid-row-gap and grid-column-gap properties |
| [grid-row](https://www.w3schools.com/cssref/pr_grid-row.asp) | A shorthand property for the grid-row-start and the grid-row-end properties |
| [grid-row-end](https://www.w3schools.com/cssref/pr_grid-row-end.asp) | Specifies where to end the grid item |
| [grid-row-gap](https://www.w3schools.com/cssref/pr_grid-row-gap.asp) | Specifies the size of the gap between rows |
| [grid-row-start](https://www.w3schools.com/cssref/pr_grid-row-start.asp) | Specifies where to start the grid item |
| [grid-template](https://www.w3schools.com/cssref/pr_grid-template.asp) | A shorthand property for the grid-template-rows, grid-template-columns and grid-areas properties |
| [grid-template-areas](https://www.w3schools.com/cssref/pr_grid-template-areas.asp) | Specifies how to display columns and rows, using named grid items |
| [grid-template-columns](https://www.w3schools.com/cssref/pr_grid-template-columns.asp) | Specifies the size of the columns, and how many columns in a grid layout |
| [grid-template-rows](https://www.w3schools.com/cssref/pr_grid-template-rows.asp) | Specifies the size of the rows in a grid layout |
| [row-gap](https://www.w3schools.com/cssref/css3_pr_row-gap.asp) | Specifies the gap between the grid rows |