**CSS3 PREUDO KLASE I PSEUDO ELEMENTI**

# PSEUDO ELEMENTI

Specificira dio elementa

|  |  |  |
| --- | --- | --- |
| **SELEKTOR** | **PRIMJER** | **OPIS** |
| ::after | p::after | Insert content after every <p> element |
| ::before | p::before | Insert content before every <p> element |
| ::first-letter | p::first-letter | Selects the first letter of every <p> element |
| ::first-line | p::first-line | Selects the first line of every <p> element |
| ::selection | p::selection | Selects the portion of an element that is selected by a user |

# PSEUDO KLASE

Opisuje posebno stanje elementa

|  |  |  |
| --- | --- | --- |
| **SELEKTOR** | **PRIMJER** | **OPIS** |
| [: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 |

**CSS3 PROPERTIES**

# OPĆENITI

Dobro ih je staviti u \* na početku dokumenta

**\***

- vrijedi za sve propertie

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| initial | vraća vrijednost na default |
| inherit | nasljeđuje vrijednost od parent elementa |

**all**

- resetira sve propertije na početnu vrijednost, osim unicode-bidi i usmjerenja

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| unset | Changes all the properties applied to the element or the element's parent to their parent value if they are inheritable or to their initial value if not |

**box-sizing**

- kako se računa visina i širina elementa, treba li uključivati pading i border ili ne

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| content-box | Default. The width and height properties (and min/max properties) includes only the content. Border and padding are not included |
| border-box | The width and height properties (and min/max properties) includes content, padding and border |

**scroll-behavior**

- omogućava smooth skrolanje po stranici

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | Allows a straight jump "scroll effect" between elements within the scrolling box. This is default |
| smooth | Allows a smooth animated "scroll effect" between elements within the scrolling box. |

# PRAVILA

Većinom idu na sam vrh dokumenta

**@charset**

- mora biti prvi property u eksternom CSS elementu, ne može biti u HTML-u. Označava koji character encoding se koristi u stylesheetu

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| charset | *Specifies the character encoding to use* |

**@font-face**

- služi za korištenje novih fontova, više se ne moraju koristiti samo web-safe fontovi. Mora se definirati ime fonta i poveznicu na njega

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| font-family | name |
| src | URL |
| font-stretch | normal condensed ultra-condensed extra-condensed semi-condensed expanded semi-expanded extra-expanded ultra-expanded |
| font-style | normal italic oblique |
| font-weight | normal bold 100 200 300 400 500 600 700 800 900 |
| unicode-range | unicode-range |

**@import**

- koristi se kako bi se jedan stylesheet importao u drugi, mora se navesti na vrhu dokumenta, ali poslije @charset. @import može biti i na posebnim media querijima

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| *url*|*string* | A url or a string representing the location of the resource to import. The url may be absolute or relative |
| *list-of-mediaqueries* | A comma-separated list of media queries conditioning the application of the CSS rules defined in the linked URL |

**@keyframes**

- koristi se za izradu animacija. Najbolje uvijek navesti 0% i 100% selektore. U @keyframes se ignorira !important pravilo

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| animationname | Required. Defines the name of the animation. |
| keyframes-selector | Required. Percentage of the animation duration.  Legal values:  0-100% from (same as 0%) to (same as 100%)  Note: You can have many keyframes-selectors in one animation. |
| css-styles | Required. One or more legal CSS style properties |

**@media**

- stvaranje media querija kako bi se prilagodilo različitim veličinama uređaja, može se koristiti i za npr. mediatype:all, print, screen, speech. Unutar @media mogu staviti novi :root

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| any-hover | Does any available input mechanism allow the user to hover over elements? (added in Media Queries Level 4) |
| any-pointer | Is any available input mechanism a pointing device, and if so, how accurate is it? (added in Media Queries Level 4) |
| aspect-ratio | The ratio between the width and the height of the viewport |
| color | The number of bits per color component for the output device |
| color-gamut | The approximate range of colors that are supported by the user agent and output device (added in Media Queries Level 4) |
| color-index | The number of colors the device can display |
| grid | Whether the device is a grid or bitmap |
| height | The viewport height |
| hover | Does the primary input mechanism allow the user to hover over elements? (added in Media Queries Level 4) |
| inverted-colors | Is the browser or underlying OS inverting colors? (added in Media Queries Level 4) |
| light-level | Current ambient light level (added in Media Queries Level 4) |
| max-aspect-ratio | The maximum ratio between the width and the height of the display area |
| max-color | The maximum number of bits per color component for the output device |
| max-color-index | The maximum number of colors the device can display |
| max-height | The maximum height of the display area, such as a browser window |
| max-monochrome | The maximum number of bits per "color" on a monochrome (greyscale) device |
| max-resolution | The maximum resolution of the device, using dpi or dpcm |
| max-width | The maximum width of the display area, such as a browser window |
| min-aspect-ratio | The minimum ratio between the width and the height of the display area |
| min-color | The minimum number of bits per color component for the output device |
| min-color-index | The minimum number of colors the device can display |
| min-height | The minimum height of the display area, such as a browser window |
| min-monochrome | The minimum number of bits per "color" on a monochrome (greyscale) device |
| min-resolution | The minimum resolution of the device, using dpi or dpcm |
| min-width | The minimum width of the display area, such as a browser window |
| monochrome | The number of bits per "color" on a monochrome (greyscale) device |
| orientation | The orientation of the viewport (landscape or portrait mode) |
| overflow-block | How does the output device handle content that overflows the viewport along the block axis (added in Media Queries Level 4) |
| overflow-inline | Can content that overflows the viewport along the inline axis be scrolled (added in Media Queries Level 4) |
| pointer | Is the primary input mechanism a pointing device, and if so, how accurate is it? (added in Media Queries Level 4) |
| resolution | The resolution of the output device, using dpi or dpcm |
| scan | The scanning process of the output device |
| scripting | Is scripting (e.g. JavaScript) available? (added in Media Queries Level 4) |
| update | How quickly can the output device modify the appearance of the content (added in Media Queries Level 4) |
| width | The viewport width |

# RASPORED NA STRANICI

Odlučuju koji će se element gdje nalaziti, kako će se međusobno ponašati

**border-collapse**

- hoće li se obrubi susjednih elemenata spojiti u jedan ili će biti odvojeni

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| separate | Borders are separated; each cell will display its own borders. This is default. |
| collapse | Borders are collapsed into a single border when possible (border-spacing and empty-cells properties have no effect) |

**bottom**

- koliko je element udaljen od dna elementa ili stranice, mora biti naveden position i ovisno o vrsti positiona će se drugačije ponašati

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | Lets the browser calculate the bottom edge position. This is default |
| length | Sets the bottom edge position in px, cm, etc. Negative values are allowed. |
| % | Sets the bottom edge position in % of containing element. Negative values are allowed |

**box-decoration-break**

- govori kako će se background, padding, border, border-image, box-shadow, margin i clip-path ponašati kad je elementov box fragmentiran

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| slice | Default. Box decorations are applied to the element as a whole and break at the edges of the element fragments |
| clone | Box decorations apply to each fragment of the element as if the fragments were individual elements. Borders wrap the four edges of each fragment of the element, and backgrounds are redrawn in full for each fragment |

**clear**

- kontrolira float elemente pokraj ovog elementa

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| none | Default. The element is not pushed below left or right floated elements |
| left | The element is pushed below left floated elements |
| right | The element is pushed below right floated elements |
| both | The element is pushed below both left and right floated elements |

**column-count**

- u koliko će se stupaca element podijeliti

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| number | The optimal number of columns into which the content of the element will be flowed |
| auto | Default value. The number of columns will be determined by other properties, like e.g. "column-width" |

**column-fill**

- kako će se stupci napuniti, ako se elementu doda visina lakše se može kontrolirati raspored stupaca

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| balance | Default value. Fills each column with about the same amount of content, but will not allow the columns to be taller than the height (so, columns might be shorter than the height as the browser distributes the content evenly horizontally) |
| auto | Fills each column until it reaches the height, and do this until it runs out of content (so, this value will not necessarily fill all the columns nor fill them evenly) |

**column-rule-color**

- boja crte između stupaca

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| color | Specifies the color of the rule. |

**column-rule-style**

- stil linije između stupaca

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| none | Default value. Defines no rule |
| hidden | Defines a hidden rule |
| dotted | Defines a dotted rule |
| dashed | Defines a dashed rule |
| solid | Defines a solid rule |
| double | Defines a double rule |
| groove | Specifies a 3D grooved rule. The effect depends on the width and color values |
| ridge | Specifies a 3D ridged rule. The effect depends on the width and color values |
| inset | Specifies a 3D inset rule. The effect depends on the width and color values |
| outset | Specifies a 3D outset rule. The effect depends on the width and color values |

**column-rule-width**

- širina linije između stupaca

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| medium | Default value. Defines a medium rule |
| thin | Defines a thin rule |
| thick | Defines a thick rule |
| length | Specifies the width of the rule |

**column-span**

- kroz koliko se stupaca element treba raširiti

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| none | Default value. The element should span across one column |
| all | The element should span across all columns |

**column-width**

- širina stupca. Fleksibilna mjera, više kao prijedlog browseru, ako browser ne može postaviti barem dva stupca onda sve prebaci u jedan stupac

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | Default value. The column width will be determined by the browser. |
| length | A length that specifies the width of the columns. The number of columns will be the minimum number of columns needed to show all the content across the element. |

**display**

- mjesto i način na koji se element prikazuje na stranici

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| inline | Displays an element as an inline element (like <span>). Any height and width properties will have no effect |
| block | Displays an element as a block element (like <p>). It starts on a new line, and takes up the whole width |
| 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 |

**float**

- hoće li element otići lijevo, desno ili nigdje u odnosu na ostale elemente

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| none | The element does not float, (will be displayed just where it occurs in the text). This is default |
| left | The element floats to the left of its container |
| right | The element floats the right of its container |

**left**

- koliko je element udaljen od lijevog kraja elementa ili stranice, mora biti naveden position i ovisno o vrsti positiona će se drugačije ponašati

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | Lets the browser calculate the left edge position. This is default |
| length | Sets the left edge position in px, cm, etc. Negative values are allowed. |
| % | Sets the left edge position in % of containing element. Negative values are allowed |

**object-position**

- koristi se s object-fit da bi se odredilo kako će se <img> ili <video> pozicionirati s x/y koordinatama unutar svog content boxa

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| *position* | Specifies the position of the image or video inside its content box. First value controls the x-axis and the second value controls the y-axis. Can be a string (left, center or right), or a number (in px or %). Negative values are allowed |

**orphans, widows**

- minimalan broj redaka koji mora biti ostavljen na dnu stranice ili stupca, ili na kraju stranice ili stupca

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| *integer* | Specifies the minimum number of lines that must be left at the bottom of a page or column. Negative values are not allowed |

**position**

- način na koji će se element pozicionirati na stranici

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| static | Default value. Elements render in order, as they appear in the document flow |
| absolute | The element is positioned relative to its first positioned (not static) ancestor element |
| fixed | The element is positioned relative to the browser window |
| relative | The element is positioned relative to its normal position, so "left:20px" adds 20 pixels to the element's LEFT position |
| sticky | The element is positioned based on the user's scroll position  A sticky element toggles between relative and fixed, depending on the scroll position. It is positioned relative until a given offset position is met in the viewport - then it "sticks" in place (like position:fixed).  **Note:** Not supported in IE/Edge 15 or earlier. Supported in Safari from version 6.1 with a -webkit- prefix. |

**position: static;** -default

**position: relative;** -isto kao static, ali se sada mogu dodati property kao što je top, bottom, left, right

(može pozitivan ili negativan broj) – element se pomiče u odnosu na parent element, a ne u odnosu na cijeli ekran

tu je bitan i z-index jer se elementi mogu preklapati

**position: absolute;** -ostali elementi se pretvaraju kao da ovaj ne postoji, a isto mu se može dodati property kao što je top, bottom, left, right – samo što se sada pikseli broje od ruba stranice, a ne od ruba parent elementa 🡪 ovo se može izbjeći ako se npr. parentu da position: relative (ali se ne mora dati nikakav property) 🡪 tada se računa udaljenost od parenta

isto bitan z-index

**position: fixed;** -element se bazira u odnosu na cijeli ekran – kad se stranica scrolla element ostaje gdje je 🡪 u biti isto kao absolute samo što ovaj ostaje na ekranu

**position: sticky;** -radi kao normalan relative position tako da može biti bilo gdje na ekranu, ali kad skrolanjem dotakne vrh stranice onda i dalje ostaje na stranici. ako mu se da npr. top:10px onda će kod skrolanja ostati 10px od vrha stranice

**right**

- koliko je element udaljen od desnog ruba elementa ili stranice, mora biti naveden position i ovisno o vrsti positiona će se drugačije ponašati

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | Lets the browser calculate the right edge position. This is default |
| length | Sets the right edge position in px, cm, etc. Negative values are allowed. |
| % | Sets the right edge position in % of containing element. Negative values are allowed |

**top**

- koliko je element udaljen od vrha elementa ili stranice, mora biti naveden position i ovisno o vrsti positiona će se drugačije ponašati

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | Lets the browser calculate the top edge position. This is default |
| length | Sets the top edge position in px, cm, etc. Negative values are allowed. [Read about length units](https://www.w3schools.com/cssref/css_units.asp) |
| % | Sets the top edge position in % of containing element. Negative values are allowed |

**vertical-align**

- vertikalno poravnavanje elementa

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| baseline | The element is aligned with the baseline of the parent. This is default |
| length | Raises or lower an element by the specified length. Negative values are allowed. |
| % | Raises or lower an element by a percent of the "line-height" property. Negative values are allowed |
| sub | The element is aligned with the subscript baseline of the parent |
| super | The element is aligned with the superscript baseline of the parent |
| top | The element is aligned with the top of the tallest element on the line |
| text-top | The element is aligned with the top of the parent element's font |
| middle | The element is placed in the middle of the parent element |
| bottom | The element is aligned with the lowest element on the line |
| text-bottom | The element is aligned with the bottom of the parent element's font |

**z-index**

- koji će elementi biti ispred drugih, što je već broj to je element gornjiji. Radi samo s pozicioniranim elementima i fleksibilnim itemima. Ako se elementi overlapaju bez z-indexa, gornji je onaj koji je došao kasnije u HTML kodu

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | Sets the stack order equal to its parents. This is default |
| number | Sets the stack order of the element. Negative numbers are allowed |

# BORDER, PADDING, MARGIN, OUTLINE

Uređivanje box-model dijelova

**border-color**

- boja obruba, prvo navesti border-style

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| color | Specifies the border color. Default color is the current color of the element. |
| transparent | Specifies that the border color should be transparent. |

**border-image-outset**

- koliko će se obrub produžiti izvan border boxa

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| length | A length unit specifying how far from the edges the border-image will appear. Default value is 0 |
| number | Represent multiples of the corresponding border-width |

**border-image-repeat**

- treba li se obrub ponavljati i kako

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| stretch | Default value. The image is stretched to fill the area |
| repeat | The image is tiled (repeated) to fill the area |
| round | The image is tiled (repeated) to fill the area. If it does not fill the area with a whole number of tiles, the image is rescaled so it fits |
| space | The image is tiled (repeated) to fill the area. If it does not fill the area with a whole number of tiles, the extra space is distributed around the tiles |

**border-image-slice**

- kako će se slika obruba izrezati

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| number | The number(s) represent pixels for raster images or coordinates for vector images |
| % | Percentages are relative to the height or width of the image |
| fill | Causes the middle part of the image to be displayed |

**border-image-source**

- izvor za sliku koja će se ponavljati u obrubu

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| none | No image will be used |
| image | The path to the image to be used as a border |

**border-image-width**

- širina obrubne slike

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| length | A length unit (px) specifying the size of the border-width |
| number | Default value 1. Represents multiples of the corresponding border-width |
| % | Refers to the size of the border image area: the width of the area for horizontal offsets, the height for vertical offsets |
| auto | If specified, the width is the intrinsic width or height of the corresponding image slice |

**border-radius**

- radijus uglova elementa

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| length | Defines the shape of the corners. Default value is 0. |
| % | Defines the shape of the corners in % |

**border-spacing**

- udaljenost između obruba jednog elementa i susjednog, efekt sličan kao grid gap

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| length length | Specifies the distance between the borders of adjacent cells in px, cm, etc. Negative values are not allowed.  If one value is specified, it defines both the horizontal and vertical spacing between cells  If two values are specified, the first sets the horizontal spacing and the second sets the vertical spacing |

**border-style**

- stil obruba elementa

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| none | Default value. Specifies no border |
| hidden | The same as "none", except in border conflict resolution for table elements |
| dotted | Specifies a dotted border |
| dashed | Specifies a dashed border |
| solid | Specifies a solid border |
| double | Specifies a double border |
| groove | Specifies a 3D grooved border. The effect depends on the border-color value |
| ridge | Specifies a 3D ridged border. The effect depends on the border-color value |
| inset | Specifies a 3D inset border. The effect depends on the border-color value |
| outset | Specifies a 3D outset border. The effect depends on the border-color value |

**border-width**

- debljina obruba

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| medium | Specifies a medium border. This is default |
| thin | Specifies a thin border |
| thick | Specifies a thick border |
| length | Allows you to define the thickness of the border. |

**margin**

- udaljenost između elemenata

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| length | Specifies a margin in px, pt, cm, etc. Default value is 0. Negative values are allowed. |
| % | Specifies a margin in percent of the width of the containing element |
| auto | The browser calculates a margin |

**outline-color**

- boja outlinea, uvijek mora biti postavljen outline-style

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| invert | *Performs a color inversion. This ensures that the outline is visible, regardless of color background.****Note:****Browsers are not required to support this value.* |
| color | *Specifies the color of the outline.* |

**outline-offset**

- razmak između obruba elementa i outlinea, razmak je proziran, uvijek mora biti postavljen outline-style

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| length | The distance the outline is outset from the border edge. Default value is 0 |

**outline-style**

- linija nacrtana okolo elementa kako bi se isticao, outline-style specificira stil outlinea

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| none | Specifies no outline. This is default |
| hidden | Specifies a hidden outline |
| dotted | Specifies a dotted outline |
| dashed | Specifies a dashed outline |
| solid | Specifies a solid outline |
| double | Specifies a double outliner |
| groove | Specifies a 3D grooved outline. The effect depends on the outline-color value |
| ridge | Specifies a 3D ridged outline. The effect depends on the outline-color value |
| inset | Specifies a 3D inset outline. The effect depends on the outline-color value |
| outset | Specifies a 3D outset outline. The effect depends on the outline-color value |

**outline-width**

- širina outlinea, uvijek mora biti naveden outline-style

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| medium | Specifies a medium outline. This is default |
| thin | Specifies a thin outline |
| thick | Specifies a thick outline |
| length | Allows you to define the thickness of the outline. |

**padding**

- razmak između sadržaja i obruba elementa

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| length | Specifies the padding in px, pt, cm, etc. Default value is 0. |
| % | Specifies the padding in percent of the width of the containing element |

# FLEXBOX

Display: flex;

**align-content**

- koristi se u flexu, modificira ponašanje flex-wrap propertija, za razliku od align-items, ovaj poravnava flex linije. Justify-content se koristi za glavnu liniju flexa, a align-content za sporednu

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| stretch | Default value. Lines stretch to take up the remaining space |
| center | Lines are packed toward the center of the flex container |
| flex-start | Lines are packed toward the start of the flex container |
| flex-end | Lines are packed toward the end of the flex container |
| space-between | Lines are evenly distributed in the flex container |
| space-around | Lines are evenly distributed in the flex container, with half-size spaces on either end |
| space-evenly | Lines are evenly distributed in the flex container, with equal space around them |

**align-items**

- poravnanje itema unutar flex-kontejnera

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| stretch | Default. Items are stretched to fit the container |
| center | Items are positioned at the center of the container |
| flex-start | Items are positioned at the beginning of the container |
| flex-end | Items are positioned at the end of the container |
| baseline | Items are positioned at the baseline of the container |

**align-self**

- poravnavanje pojedinog itema unutar flex-kontejnera

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | Default. The element inherits its parent container's align-items property, or "stretch" if it has no parent container |
| stretch | The element is positioned to fit the container |
| center | The element is positioned at the center of the container |
| flex-start | The element is positioned at the beginning of the container |
| flex-end | The element is positioned at the end of the container |
| baseline | The element is positioned at the baseline of the container |

**flex-basis**

- širina fleksibilnog elementa

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| *number* | A length unit, or percentage, specifying the initial length of the flexible item(s) |
| auto | Default value. The length is equal to the length of the flexible item. If the item has no length specified, the length will be according to its content |

**flex-direction**

- usmjerenje fleksibilnog elementa

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| row | Default value. The flexible items are displayed horizontally, as a row |
| row-reverse | Same as row, but in reverse order |
| column | The flexible items are displayed vertically, as a column |
| column-reverse | Same as column, but in reverse order |

**flex-grow**

- koliko će item narasti u usporedbi s ostalim elementima u fleksibilnom kontejneru

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| *number* | A number specifying how much the item will grow relative to the rest of the flexible items. Default value is 0 |

**flex-shrink**

- koliko će se item smanjiti u usporedbi s ostalim elementima u fleksibilnom kontejneru

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| number | *A number specifying how much the item will shrink relative to the rest of the flexible items. Default value is 1* |

**flex-wrap**

- trebaju li se fleksibilni itemi wrapati ili ne

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| nowrap | Default value. Specifies that the flexible items will not wrap |
| wrap | Specifies that the flexible items will wrap if necessary |
| wrap-reverse | Specifies that the flexible items will wrap, if necessary, in reverse order |

**justify-content**

- poravnavanje itema u flex kontejneru po glavnoj liniji kad ne zauzimaju sam potreban prostor. Slično kao align-items

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| flex-start | Default value. Items are positioned at the beginning of the container |
| flex-end | Items are positioned at the end of the container |
| center | Items are positioned in the center of the container |
| space-between | Items will have space between them |
| space-around | Items will have space before, between, and after them |
| space-evenly | Items will have equal space around them |

**order**

- poredak flex elemenata u odnosu na ostale flex elemente unutar istog kontejnera

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| number | *Default value 0. Specifies the order for the flexible item* |

# GRID

Display: grid;

**column-gap**

- razmak između stupaca kod grid display, ako postoji column-rule onda će se postaviti u sredinu gapa

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| length | A specified length that will set the gap between the columns |
| normal | Default value. Specifies a normal gap between the columns. W3C suggests a value of 1em |

**grid-area**

- shorthand za grid-row-start, grid-column-start, grid-row-end, grid-column-end. Također, ovo se koristi za imenovanje itema koji će se potom koristiiti kod grid-template-areas

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| itemname | Specifies a name for the grid item |

**grid-auto-columns**

- veličina stupaca u grid kontejneru

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | Default value. The size of the columns is determined by the size of the container |
| fit-content() |  |
| max-content | Sets the size of each column depending on the largest item in the column |
| min-content | Sets the size of each column depending on the smallest item in the column |
| minmax(min.max) | Sets a size range greater than or equal to *min* and less than or equal to *max* |
| length | Sets the size of the columns, by using a legal length value. |
| % | Sets the size of the columns, by using a percent value |

**grid-auto-flow**

- kako se automatski smješteni itemi postavljaju u grid

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| row | Default value. Places items by filling each row |
| column | Places items by filling each column |
| dense | Place items to fill any holes in the grid |
| row dense | Places items by filling each row, and fill any holes in the grid |
| column dense | Places items by filling each column, and fill any holes in the grid |

**grid-auto-rows**

- postavlja veličinu redova u grid kontejneru

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | Default value. The size of the rows is determined by the size of the largest item in the row |
| max-content | Sets the size of each row to depend on the largest item in the row |
| min-content | Sets the size of each row to depend on the largest item in the row |
| length | Sets the size of the rows, by using a legal length value. |

**grid-column-end**

- u kojem će stupcu item završiti u grid kontejneru

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | Default value. The item will span one column |
| span *n* | Specifies the number of columns the item will span |
| column-line | Specifies on which column to end the display of the item |

**grid-column-start**

- u kojem će stupcu item početi u grid kontejneru

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | Default value. The item will be placed following the flow |
| span *n* | Specifies the number of columns the item will span |
| column-line | Specifies on which column to start the display of the item |

**grid-row-end**

- u kojem će redu item završiti u grid kontejneru

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | Default value. The item will span one row. |
| span *n* | Specifies the number of rows the item will span. |
| row-line | Specifies on which row to end the display of the item. |

**grid-row-start**

- u kojem će redu item početi u grid kontejneru

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | Default value. The item will be placed by following the flow. |
| row-line | Specifies on which row to start the display of the item. |

**grid-template-areas**

- specificira prostore unutar grid kontejnera. Itemi se imenuju pomoću grid-area, a na njih se referira pomoću grid-template-areas. Definiraju se uz pomoć navodnika i točaka

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| none | Default value. No named grid areas |
| itemnames | A sequence that specifies how each columns and row should display |

**grid-template-columns**

- specificira broj i širinu stupaca u grid kontejneru

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| none | Default value. Columns are created if needed |
| auto | The size of the columns is determined by the size of the container and on the size of the content of the items in the column |
| max-content | Sets the size of each column to depend on the largest item in the column |
| min-content | Sets the size of each column to depend on the smallest item in the column |
| length | Sets the size of the columns, by using a legal length value. |

**grid-template-rows**

- specificira broj i visinu redova u grid kontejneru

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| none | No size is set. Rows are created if needed |
| auto | The size of the rows is determined by the size of the container, and on the size of the content of the items in the row |
| max-content | Sets the size of each row to depend on the largest item in the row |
| min-content | Sets the size of each row to depend on the smallest item in the row |
| length | Sets the size of the rows, by using a legal length value. |

**row-gap**

- u grid kontejneru, razmak između elemenata u redovima

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| length | A specified length or % that will set the gap between the rows |
| normal | Default value. Specifies a normal gap between the rows |

# UREĐIVANJE ELEMENATA

razno uređivanje veličine, boje i ostalih efekata kod elemenata

**backdrop-filter**

- dodaje grafički filter na prostor iza elementa

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| none | Default value. No filter is applied to the backdrop |
| filter | A space-separated list of filter-functions like:  blur()  brightness()  contrast()  drop-shadow()  grayscale()  hue-rotate()  invert()  opacity()  sepia()  saturate()  or an url to an SVG filter that will be applied to the backdrop |

**backface-visibility**

- kod rotacije elemenata, hoće li se stražnji dio elementa vidjeti ili ne

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| visible | Default value. The backside is visible |
| hidden | The backside is not visible |

**background-attachment**

- je li se pozadina skrolla zajedno s ostatkom stranice, ili ostaje na statičnom mjestu

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| scroll | The background image will scroll with the page. This is default |
| fixed | The background image will not scroll with the page |
| local | The background image will scroll with the element's contents |

**background-blend-mode**

- način stapanja svakog od sloja pozadine (boje i/ili slike)

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| normal | This is default. Sets the blending mode to normal |
| multiply | Sets the blending mode to multiply |
| screen | Sets the blending mode to screen |
| overlay | Sets the blending mode to overlay |
| darken | Sets the blending mode to darken |
| lighten | Sets the blending mode to lighten |
| color-dodge | Sets the blending mode to color-dodge |
| saturation | Sets the blending mode to saturation |
| color | Sets the blending mode to color |
| luminosity | Sets the blending mode to luminosity |

**background-clip**

- koliki dio elementa prekriva pozadina

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| border-box | Default value. The background extends behind the border |
| padding-box | The background extends to the inside edge of the border |
| content-box | The background extends to the edge of the content box |

**background-color**

- boja pozadine

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| color | Specifies the background color. |
| transparent | Specifies that the background color should be transparent. This is default |

**background-image**

- dodaje pozadinsku sliku elementu, po defaultu se slika dodaje u gornji lijevi kut i ponavlja se i po vertikali i po horizontali

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| url('URL') | The URL to the image. To specify more than one image, separate the URLs with a comma |
| none | No background image will be displayed. This is default |
| [conic-gradient()](https://www.w3schools.com/cssref/func_conic-gradient.asp) | Sets a conic gradient as the background image. Define at least two colors |
| [linear-gradient()](https://www.w3schools.com/cssref/func_linear-gradient.asp) | Sets a linear gradient as the background image. Define at least two colors (top to bottom) |
| [radial-gradient()](https://www.w3schools.com/cssref/func_radial-gradient.asp) | Sets a radial gradient as the background image. 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 |

**background-origin**

- odakle će pozadinska slika započeti

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| padding-box | Default value. The background image starts from the upper left corner of the padding edge |
| border-box | The background image starts from the upper left corner of the border |
| content-box | The background image starts from the upper left corner of the content |

**background-position**

- početna pozicija slike

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| left top left center left bottom right top right center right bottom center top center center center bottom | If you only specify one keyword, the other value will be "center" |
| x% y% | The first value is the horizontal position and the second value is the vertical. The top left corner is 0% 0%. The right bottom corner is 100% 100%. If you only specify one value, the other value will be 50%. Default value is: 0% 0% |
| xpos ypos | The first value is the horizontal position and the second value is the vertical. The top left corner is 0 0. Units can be pixels (0px 0px) or any other [CSS units](https://www.w3schools.com/cssref/css_units.asp). If you only specify one value, the other value will be 50%. You can mix % and positions |

**background-repeat**

- hoće li se pozadinska slika ponavljati i kako, po defaultu se ponavlja i po vertikali i po horizontali

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| repeat | The background image is repeated both vertically and horizontally.  The last image will be clipped if it does not fit. This is default |
| repeat-x | The background image is repeated only horizontally |
| repeat-y | The background image is repeated only vertically |
| no-repeat | The background-image is not repeated. The image will only be shown once |
| space | The background-image is repeated as much as possible without clipping. The first and last image is pinned to either side of the element, and whitespace is distributed evenly between the images |
| round | The background-image is repeated and squished or stretched to fill the space (no gaps) |

**background-size**

- veličina pozadinske slike

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | Default value. The background image is displayed in its original size |
| *length* | Sets the width and height of the background image. The first value sets the width, the second value sets the height. If only one value is given, the second is set to "auto. |
| *percentage* | Sets the width and height of the background image in percent of the parent element. The first value sets the width, the second value sets the height. If only one value is given, the second is set to "auto" |
| cover | Resize the background image to cover the entire container, even if it has to stretch the image or cut a little bit off one of the edges |
| contain | Resize the background image to make sure the image is fully visible |

**box-shadow**

- dodaje jednu ili više sjeni elementu

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| none | Default value. No shadow is displayed |
| h-offset | Required. The horizontal offset of the shadow. A positive value puts the shadow on the right side of the box, a negative value puts the shadow on the left side of the box |
| v-offset | Required. The vertical offset of the shadow. A positive value puts the shadow below the box, a negative value puts the shadow above the box |
| blur | Optional. The blur radius. The higher the number, the more blurred the shadow will be |
| spread | Optional. The spread radius. A positive value increases the size of the shadow, a negative value decreases the size of the shadow |
| color | Optional. The color of the shadow. The default value is the text color. |
| inset | Optional. Changes the shadow from an outer shadow (outset) to an inner shadow |

**caption-side**

- gdje će se pokraj tablice nalaziti njezin opis

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| top | Puts the caption above the table. This is default |
| bottom | Puts the caption below the table |

**clip-path**

- smanjuje veći element na manji oblik, npr. pravokutnik, krug ili SVG. Odličan alat za napraviti npr. okruglu sliku

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| *clip-source* | Defines a URL to an SVG <clipPath> element |
| basic-shape | Clips an element to a basic shape: circle, ellipse, polygon or inset |
| margin-box | Uses the margin box as the reference box |
| border-box | Uses the border box as the reference box |
| padding-box | Uses the padding box as the reference box |
| content-box | Uses the content box as the reference box |
| fill-box | Uses the object bounding box as reference box |
| stroke-box | Uses the stroke bounding box as reference box |
| view-box | Uses the SVG viewport as reference box |
| none | This is default. No clipping is done |

**empty-cells**

- u tablici, hoće li se prikazati obrub na praznim ćelijama ili ne, ovo nema efekt ako je border-collapse:collapse;

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| show | Display borders on empty cells. This is default |
| hide | Hide borders on empty cells |

**filter**

- dodaje vizualne efekte na element, najčešće <img>

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| none | Default value. Specifies no effects |
| blur(*px*) | Applies a blur effect to the image. A larger value will create more blur. If no value is specified, 0 is used. |
| brightness(*%*) | Adjusts the brightness of the image. 0% will make the image completely black. 100% (1) is default and represents the original image. Values over 100% will provide brighter results. |
| contrast(*%*) | Adjusts the contrast of the image. 0% will make the image completely black. 100% (1) is default, and represents the original image. Values over 100% will provide results with more contrast. |
| drop-shadow(*h-shadow v-shadow blur spread color*) | Applies a drop shadow effect to the image. **Possible values:** *h-shadow* - Required. Specifies a pixel value for the horizontal shadow. Negative values place the shadow to the left of the image. *v-shadow* - Required. Specifies a pixel value for the vertical shadow. Negative values place the shadow above the image. *blur* - Optional. This is the third value, and must be in pixels. Adds a blur effect to the shadow. A larger value will create more blur (the shadow becomes bigger and lighter). Negative values are not allowed. If no value is specified, 0 is used (the shadow's edge is sharp). *spread* - Optional. This is the fourth value, and must be in pixels. Positive values will cause the shadow to expand and grow bigger, and negative values will cause the shadow to shrink. If not specified, it will be 0 (the shadow will be the same size as the element). **Note:** Chrome, Safari and Opera, and maybe other browsers, do not support this 4th length; it will not render if added. *color* - Optional. Adds a color to the shadow. If not specified, the color depends on the browser (often black). An example of creating a red shadow, which is 8px big both horizontally and vertically, with a blur effect of 10px: filter: drop-shadow(8px 8px 10px red); **Tip:** This filter is similar to the [box-shadow](https://www.w3schools.com/cssref/css3_pr_box-shadow.asp) property. |
| grayscale(*%*) | Converts the image to grayscale. 0% (0) is default and represents the original image. 100% will make the image completely gray (used for black and white images). **Note:** Negative values are not allowed. |
| hue-rotate(*deg*) | Applies a hue rotation on the image. The value defines the number of degrees around the color circle the image samples will be adjusted. 0deg is default, and represents the original image. **Note:** Maximum value is 360deg. |
| invert(*%*) | Inverts the samples in the image. 0% (0) is default and represents the original image. 100% will make the image completely inverted. **Note:** Negative values are not allowed. |
| opacity(*%*) | Sets the opacity level for the image. The opacity-level describes the transparency-level, where: 0% is completely transparent. 100% (1) is default and represents the original image (no transparency). **Note:** Negative values are not allowed. **Tip:** This filter is similar to the [opacity](https://www.w3schools.com/cssref/css3_pr_opacity.asp) property. |
| saturate(*%*) | Saturates the image. 0% (0) will make the image completely un-saturated. 100% is default and represents the original image. Values over 100% provides super-saturated results. **Note:** Negative values are not allowed. |
| sepia(*%*) | Converts the image to sepia. 0% (0) is default and represents the original image. 100% will make the image completely sepia. **Note:** Negative values are not allowed. |
| url() | The url() function takes the location of an XML file that specifies an SVG filter, and may include an anchor to a specific filter element. Example: filter: url(svg-url#element-id) |

**height**

- visina elementa. Bolje koristiti min-height i max-height

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | The browser calculates the height. This is default |
| length | Defines the height in px, cm, etc. |
| % | Defines the height in percent of the containing block |

**image-rendering**

- koja će se vrsta algoritma koristiti na slikama

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | Let the browser choose the scaling algorithm. This is default |
| smooth | Use an algorithm that smooth out the colors in the image |
| high-quality | Same as smooth, but with a preference for higher-quality scaling |
| crisp-edges | Use an algorithm that will preserve the contrast and edges in the image |
| pixelated | If the image is scaled up, the nearest-neighbor algorithm is used, so the image will appear as being composed of large pixels. If the image is scaled down, it will be the same as auto |

**mask-image**

- jedna se slika prikazuje preko druge, npr. pozadinska slika preko loga

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| none | This is default |
| image | An image to use as the mask layer |
| url | An url reference to an image or an SVG <mask> element |

**mask-mode**

- razni modovi kako se maska koristi, radi samo za Firefox

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| match-source | If the mask-image property is an image (an image URL or a gradient), set mask-mode to alpha. If the mask-image property is an SVG <mask> element, use the <mask> element's mask-type property. This is default. |
| luminance | Use the luminance values of the mask image as the mask values |
| alpha | Use the alpha values of the mask image as the mask values |

**mask-origin**

- originalna pozicija maskiranog sloja na slici

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| border-box | The position is relative to the border box. This is default |
| content-box | The position is relative to the content box |
| padding-box | The position is relative to the padding box |
| margin-box | The position is relative to the margin box |
| fill-box | The position is relative to the object bounding box |
| stroke-box | The position is relative to the stroke bounding box |
| view-box | Use the nearest SVG viewport as reference box |

**mask-position**

- početna pozicija maske u odnosu na mask position area

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| left top left center left bottom right top right center right bottom center top center center center bottom | If you only specify one keyword, the other value will be "center" |
| x% y% | The first value is the horizontal position and the second value is the vertical. The top left corner is 0% 0%. The right bottom corner is 100% 100%. If you only specify one value, the other value will be 50%. Default value is: 0% 0% |
| xpos ypos | The first value is the horizontal position and the second value is the vertical. The top left corner is 0 0. Units can be pixels (0px 0px) or any other CSS unit. If you only specify one value, the other value will be 50%. You can mix % and positions |

**mask-repeat**

- treba li se maska i kako ponavljati

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| repeat | The mask image is repeated both vertically and horizontally. The last image will be clipped if it does not fit. This is default |
| repeat-x | The mask image is repeated only horizontally |
| repeat-y | The mask image is repeated only vertically |
| space | The mask image is repeated as much as possible without clipping. The first and last image is pinned to either side of the element, and whitespace is distributed evenly between the images |
| round | The mask image is repeated and squished or stretched to fill the space (no gaps) |
| no-repeat | The mask image is not repeated. The image will only be shown once |

**mask-size**

- veličina maske

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | This is default |
| *size* | Specifies the size of the mask image in px, em, etc, or in % |
| contain | Scales the mask image in a way that both its width and its height fit inside the container |
| cover | Scales the mask image in a way that both its width and its height cover the container |

**max-height**

- maximalna visina elementa, ako je sadržaj veći onda dolazi do overflowa. Ako je sadržaj manji od max-heighta, onda max-height nema učinka

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| none | No maximum height. This is default |
| length | Defines the maximum height in px, cm, etc. |
| % | Defines the maximum height in percent of the containing block |

**max-width**

- maximalna širina elementa, ako je sadržaj veći onda dolazi do promjene visine elementa. Ako je sadržaj manji od max-widtha, onda max-width nema učinka

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| none | No maximum width. This is default |
| length | Defines the maximum width in px, cm, etc. |
| % | Defines the maximum width in percent of the containing block |

**min-height**

- minimalna veličina elementa, ako je sadržaj manji, ovo se neće primijeniti. Ako je sadržaj veći, ovo nema efekta.

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| length | Default value is 0. Defines the minimum height in px, cm, etc. |
| % | Defines the minimum height in percent of the containing block |

**min-width**

- minimalna širina elementa, ako je sadržaj manji ovo se neće primijeniti, ako je sadržaj veći ovo nema efekta

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| length | Default value is 0. Defines the minimum width in px, cm, etc. |
| % | Defines the minimum width in percent of the containing block |

**mix-blend-mode**

- kako se sadržaj elementa treba stopiti s pozadinom direktnog parenta

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| normal | This is default. Sets the blending mode to normal |
| multiply | Sets the blending mode to multiply |
| screen | Sets the blending mode to screen |
| overlay | Sets the blending mode to overlay |
| darken | Sets the blending mode to darken |
| lighten | Sets the blending mode to lighten |
| color-dodge | Sets the blending mode to color-dodge |
| color-burn | Sets the blending mode to color-burn |
| difference | Sets the blending mode to difference |
| exclusion | Sets the blending mode to exclusion |
| hue | Sets the blending mode to hue |
| saturation | Sets the blending mode to saturation |
| color | Sets the blending mode to color |
| luminosity | Sets the blending mode to luminosity |

**object-fit**

- kako će se <img> ili <video> resizeat da bi stao u svoj kontejner

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| fill | This is default. The replaced content is sized to fill the element's content box. If necessary, the object will be stretched or squished to fit |
| contain | The replaced content is scaled to maintain its aspect ratio while fitting within the element's content box |
| cover | The replaced content is sized to maintain its aspect ratio while filling the element's entire content box. The object will be clipped to fit |
| none | The replaced content is not resized |
| scale-down | The content is sized as if none or contain were specified (would result in a smaller concrete object size) |

**opacity**

- koliko će element biti proziran. Opacity se prenosi i na child elemente, da bi se ovo izbjeglo bolje koristiti RGBA boje

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| *number* | *Specifies the opacity. From 0.0 (fully transparent) to 1.0 (fully opaque)* |

**overflow**

- govori što će se dogoditi sa sadržajem koji ne stane u okvir elementa, radi samo za block elemente s određenom visinom

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| visible | The overflow is not clipped. It renders outside the element's box. This is default |
| hidden | The overflow is clipped, and the rest of the content will be invisible. Content can be scrolled programmatically (e.g. by setting scrollLeft or scrollTo()) |
| clip | The overflow is clipped, and the rest of the content will be invisible. Forbids scrolling, including programmatic scrolling. |
| scroll | The overflow is clipped, but a scroll-bar is added to see the rest of the content |
| auto | If overflow is clipped, a scroll-bar should be added to see the rest of the content |

**overflow-wrap**

- smije li browser prerezati dugačke riječi koje bi overflowale kontejner

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| normal | Long words will not break, even if they overflow the container. This is default |
| anywhere | Long words will break if they overflow the container |
| break-word | Long words will break if they overflow the container |

**overflow-x**

- što se treba dogoditi sa sadržajem elementa koji iskače iz elementa na lijevom ili desnom rubu

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| visible | The content is not clipped, and it may be rendered outside the left and right edges. This is default |
| hidden | The content is clipped - and no scrolling mechanism is provided |
| scroll | The content is clipped and a scrolling mechanism is provided |
| auto | Should cause a scrolling mechanism to be provided for overflowing boxes |

**overflow-y**

- što se treba dogoditi sa sadržajem elementa koji iskače iz elementa na gornjem ili donjem rubu

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| visible | The content is not clipped, and it may be rendered outside the content box. This is default |
| hidden | The content is clipped - and no scrolling mechanism is provided |
| scroll | The content is clipped and a scrolling mechanism is provided |
| auto | Should cause a scrolling mechanism to be provided for overflowing boxes |

**perspective**

- child elementu dodaje perspektivu, što se koristi za 3D prikaz

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| length | How far the element is placed from the view |
| none | Default value. Same as 0. The perspective is not set |

**perspective-origin**

- child elementu se dodaje perspektiva, a ovo definira iz koje se pozicije gleda 3D element

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| x-axis | Defining where the view is placed at the x-axis  Possible values:  left  center  right  length  %  Default value: 50% |
| y-axis | Defining where the view is placed at the y-axis  Possible values:  top  center  bottom  length  %  Default value: 50% |

**resize**

- definira može li korisnik i kako mijenjati veličinu elementa, ne primjenjuje se na inline elemente ili na block elemente gdje je overflow=“visible“, overflow treba biti scroll, auto ili hidden

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| none | Default value. The user cannot resize the element |
| both | The user can resize both the height and width of the element |
| horizontal | The user can resize the width of the element |
| vertical | The user can resize the height of the element |

**table-layout**

- definira algoritam za postavljanje ćelija, redaka i stupaca u tablicu, kod table-layout:fixed; stvara se dojam da se tablica i stranica puno brže učitavaju

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | *Browsers use an automatic table layout algorithm. The column width is set by the widest unbreakable content in the cells. The content will dictate the layout* |
| fixed | *Sets a fixed table layout algorithm. The table and column widths are set by the widths of table and col or by the width of the first row of cells. Cells in other rows do not affect column widths. If no widths are present on the first row, the column widths are divided equally across the table, regardless of content inside the cells* |

**visibility**

- hoće li element biti vidljiv ili ne, element i dalje zauzima prostor na stranici, da ga se makne treba koristiti display

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| visible | Default value. The element is visible |
| hidden | The element is hidden (but still takes up space) |
| collapse | Only for table rows (<tr>), row groups (<tbody>), columns (<col>), column groups (<colgroup>). This value removes a row or column, but it does not affect the table layout. The space taken up by the row or column will be available for other content. If collapse is used on other elements, it renders as "hidden" |

**width**

- definira širinu elementa, bolje koristiti max-width i min-width

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | Default value. The browser calculates the width |
| length | Defines the width in px, cm, etc. |
| % | Defines the width in percent of the containing block |

# UREĐIVANJE TEKSTA I FONTA

Slova, riječi, fontovi…

**accent-color**

- boja inputa kod tagova poput <input type="checkbox">, <input type="radio">, <input type="range"> i <progress>.

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | Default |
| color | Color |

**caret-color**

- u formama koje se mogu ispunjavati, boja crte koja blinka na ekranu dok se upisuje tekst

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | Default. Browsers uses the current color for the caret |
| *color* | Specifies a color to use for the caret. All legal color values can be used (rgb, hex, named-color, etc). |

**color**

- boja teksta

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| color | Specifies the text color. |

**direction**

- usmjerenje teksta ili pisanje unutar block-level elementa, najbolje koristiti zajedno s unicode-bidi

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| ltr | Text direction goes from left-to-right. This is default |
| rtl | Text direction goes from right-to-left |

**font-family**

- font elementa, može se dodati više fontova ukoliko neki ne radi

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| family-name / generic-family | A prioritized list of font family names and/or generic family names |

**font-feature-settings**

- dodaje napredne typografske mogućnosti u opentype fontovima

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| normal | Default. Use the default settings to lay out text |
| *feature-value* | Format: string [1|0|on|off] Always a string of 4 ASCII characters. |

**font-kerning**

- širina slova

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | Default. The browser determines whether font kerning should be applied or not |
| normal | Specifies that font kerning is applied |
| none | Specifies that font kerning is not applied |

**font-size**

- veličina slova

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| medium | Sets the font-size to a medium size. This is default |
| xx-small | Sets the font-size to an xx-small size |
| x-small | Sets the font-size to an extra small size |
| small | Sets the font-size to a small size |
| large | Sets the font-size to a large size |
| x-large | Sets the font-size to an extra large size |
| xx-large | Sets the font-size to an xx-large size |
| smaller | Sets the font-size to a smaller size than the parent element |
| larger | Sets the font-size to a larger size than the parent element |
| length | Sets the font-size to a fixed size in px, cm, etc. |
| % | Sets the font-size to a percent of  the parent element's font size |

**font-size-adjust**

- kod različitih font-familyja slova su različite veličine, ovo ih izjednačava. Korisno u situaciji kad prvi izabrani font nije dostupan, a drugi zbog drugačije veličine poremeti izgled stranice

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| number | Defines the aspect value to use |
| none | Default value. No font size adjustment |

**font-stretch**

- neki font-family daju širu i užu varijantu slova

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| ultra-condensed | Makes the text as narrow as it gets |
| extra-condensed | Makes the text narrower than condensed, but not as narrow as ultra-condensed |
| condensed | Makes the text narrower than semi-condensed, but not as narrow as extra-condensed |
| semi-condensed | Makes the text narrower than normal, but not as narrow as condensed |
| normal | Default value. No font stretching |
| semi-expanded | Makes the text wider than normal, but not as wide as expanded |
| expanded | Makes the text wider than semi-expanded, but not as wide as extra-expanded |
| extra-expanded | Makes the text wider than expanded, but not as wide as ultra-expanded |
| ultra-expanded | Makes the text as wide as it gets |

**font-style**

- hoće li tekst biti običan ili ukošen

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| normal | The browser displays a normal font style. This is default |
| italic | The browser displays an italic font style |
| oblique | The browser displays an oblique font style |

**font-variant**

- tekst napiše u velikim tiskanim slovima, ali su stara velika slova ipak veća od malih koja su postala velika

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| normal | The browser displays a normal font. This is default |
| small-caps | The browser displays a small-caps font |

**font-variant-caps**

- dodatne mogućnosti za font-variant

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| normal | Deactivates the use of alternate glyphs |
| small-caps | Displays small capitals |
| all-small-caps | Displays small capitals for both upper and lowercase letters |
| petite-caps | Displays petite capitals |
| all-petite-caps | Displays petite capitals for both upper and lowercase letters |
| unicase | Displays a mix of small capitals for uppercase letters with normal lowercase letters |
| titling-caps | Displays titling capitals |
| unset |  |

**font-weight**

- debljina teksta

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| normal | Defines normal characters. This is default |
| bold | Defines thick characters |
| bolder | Defines thicker characters |
| lighter | Defines lighter characters |
| 100 200 300 400 500 600 700 800 900 | Defines from thin to thick characters. 400 is the same as normal, and 700 is the same as bold |

**hanging-punctuation**

- mogu li interpunkcijski znakovi biti izvan line boxa

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| none | No punctuation mark may be placed outside the line box at the start or at the end of a full line of text |
| first | Punctuation may hang outside the start edge of the first line |
| last | Punctuation may hang outside the end edge of the last line |
| allow-end | Punctuation may hang outside the end edge of all lines if the punctuation does not otherwise fit prior to justification |
| force-end | Punctuation may hang outside the end edge of all lines. If justification is enabled on this line, then it will force the punctuation to hang |

**hyphens**

- lomljenje dugih riječi s – ili razmacima ukoliko je potrebno

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| none | Words are not hyphenated |
| manual | Default. Words are only hyphenated at &hyphen; or &shy; (if needed) |
| auto | Words are hyphenated where the algorithm is deciding (if needed) |

**letter-spacing**

- povećava ili smanjuje udaljenost između slova u tekstu

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| normal | Defines normal space between characters. This is default |
| length | Defines a length that is used as the space between characters (negative values are also allowed). |

**line-height**

- veličina proreda

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| normal | A normal line height. This is default |
| number | A number that will be multiplied with the current font-size to set the line height |
| length | A fixed line height in px, pt, cm, etc. |
| % | A line height in percent of the current font size |

**quotes**

- postavlja vrstu navodnika

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| none | Specifies that the "open-quote" and "close-quote" values of the "content" property will not produce any quotation marks |
| string string string string | Specifies which quotation marks to use. The first two values specifies the first level of quotation embedding, the next two values specifies the next level of quote embedding, etc |

**tab-size**

- širina prostora kod pritisnute tab tipke, vidljivo jedino kod <textarea> i <pre> elemenata

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| *number* | The number of space-characters to be displayed for each tab-character. Default value is 8 |
| *length* | The length of a tab-character. This property value is not supported in any of the major browsers |

**text-align**

- horizontalno poravnavanje teksta unutar elementa

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| left | Aligns the text to the left |
| right | Aligns the text to the right |
| center | Centers the text |
| justify | Stretches the lines so that each line has equal width (like in newspapers and magazines) |

**text-align-last**

- kako će se poravnati posljednja linija u tekstu (odnosi se na sve zadnje rečenice u svakom odlomku unutar elementa)

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | Default value. The last line is justified and aligned left |
| left | The last line is aligned to the left |
| right | The last line is aligned to the right |
| center | The last line is center-aligned |
| justify | The last line is justified as the rest of the lines |
| start | The last line is aligned at the beginning of the line (left if the text-direction is left-to-right, and right is the text-direction is right-to-left) |
| end | The last line is aligned at the end of the line (right if the text-direction is left-to-right, and left is the text-direction is right-to-left) |

**text-decoration-color**

- boja dekoracije teksta (crta ispod teksta, crta kroz tekst…)

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| *color* | Specifies the color of the text-decoration |

**text-decoration-line**

- koja će se dekoracija teksta koristiti

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| none | Default value. Specifies no line for the text-decoration |
| underline | Specifies that a line will be displayed under the text |
| overline | Specifies that a line will be displayed over the text |
| line-through | Specifies that a line will be displayed through the text |

**text-decoration-style**

- stil dekoracije teksta

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| solid | Default value. The line will display as a single line |
| double | The line will display as a double line |
| dotted | The line will display as a dotted line |
| dashed | The line will display as a dashed line |
| wavy | The line will display as a wavy line |

**text-decoration-thickness**

- debljina dekorativne linije

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | The browser chooses the thickness of the decoration line |
| from-font | If a font file contains information about a preferred thickness, use that value. If not, behave as auto |
| *length*/*percentage* | Specifies the thickness as a *length* or *%* |

**text-indent**

- uvučena prva linija u bloku teksta, dozvoljene i negativne vrijednosti

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| length | Defines a fixed indentation in px, pt, cm, em, etc. Default value is 0. |
| % | Defines the indentation in % of the width of the parent element |

**text-justify**

način poravnavanje teksta kad je izabran text-align:justify;

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | The browser determines the justification algorithm |
| inter-word | Increases/Decreases the space between words |
| inter-character | Increases/Decreases the space between characters |
| none | Disables justification methods |

**text-overflow**

- način na koji se prikazuje sadržaj koji je overflowan

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| clip | Default value. The text is clipped and not accessible |
| ellipsis | Render an ellipsis ("...") to represent the clipped text |
| string | Render the given string to represent the clipped text |

**text-shadow**

- tekstu dodaje sjenu

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| h-shadow | Required. The position of the horizontal shadow. Negative values are allowed |
| v-shadow | Required. The position of the vertical shadow. Negative values are allowed |
| blur-radius | Optional. The blur radius. Default value is 0 |
| color | Optional. The color of the shadow. |
| none | Default value. No shadow |

**text-transform**

- transformira slova u velika ili mala

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| none | No capitalization. The text renders as it is. This is default |
| capitalize | Transforms the first character of each word to uppercase |
| uppercase | Transforms all characters to uppercase |
| lowercase | Transforms all characters to lowercase |

**unicode-bidi**

- koristi se zajedno s direction property da bi se omogućilo korištenje više tekstova unutar dokumenta

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| normal | The element does not open an additional level of embedding. This is default |
| embed | For inline elements, this value opens an additional level of embedding |
| bidi-override | For inline elements, this creates an override. For block elements, this creates an override for inline-level descendants not within another block element |
| isolate | The element is isolated from its siblings |
| isolate-override |  |
| plaintext |  |

**user-select**

- može li se tekst na stranici highlightati uz pomoću miša

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | Default. Text can be selected if the browser allows it |
| none | Prevent text selection |
| text | The text can be selected by the user |
| all | Text selection is made with one click instead of a double-click |

**white-space**

- kako se barata razmacima unutar elementa, hoće li ih se prikazati ili ne

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| normal | Sequences of whitespace will collapse into a single whitespace. Text will wrap when necessary. This is default |
| nowrap | Sequences of whitespace will collapse into a single whitespace. Text will never wrap to the next line. The text continues on the same line until a <br> tag is encountered |
| pre | Whitespace is preserved by the browser. Text will only wrap on line breaks. Acts like the <pre> tag in HTML |
| pre-line | Sequences of whitespace will collapse into a single whitespace. Text will wrap when necessary, and on line breaks |
| pre-wrap | Whitespace is preserved by the browser. Text will wrap when necessary, and on line breaks |

**word-break**

- način na koji će se riječi prekinuti kad dođu do kraja retka

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| normal | Default value. Uses default line break rules |
| break-all | To prevent overflow, word may be broken at any character |
| keep-all | Word breaks should not be used for Chinese/Japanese/Korean (CJK) text. Non-CJK text behavior is the same as value "normal" |
| break-word | To prevent overflow, word may be broken at arbitrary points |

**word-spacing**

- povećava ili smanjuje veličinu razmaka između riječi, mogu i negativne vrijednosti

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| normal | Defines normal space between words (0.25em) . This is default |
| length | Defines an additional space between words (in px, pt, cm, em, etc). Negative values are allowed. |

**word-wrap**

- dugačke riječi se prelamaju u drugi red

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| normal | Break words only at allowed break points. This is default |
| break-word | Allows unbreakable words to be broken |

**writing-mode**

- hoće li se tekst pisati horizontalno ili vertikalno

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| horizontal-tb | Let the content flow horizontally from left to right, vertically from top to bottom |
| vertical-rl | Let the content flow vertically from top to bottom, horizontally from right to left |
| vertical-lr | Let the content flow vertically from top to bottom, horizontally from left to right |

# LISTE

Uređivanje listi

**list-style-image**

- listama umjesto točke dodaje sliku

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| none | No image will be displayed. Instead, the list-style-type property will define what type of list marker will be rendered. This is default |
| url | The path to the image to be used as a list-item marker |

**list-style-position**

- pozicija točke kod listi u odnosu na obrub elementa

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| inside | The bullet points will be inside the list item |
| outside | The bullet points will be outside the list item. This is default |

**list-style-type**

- vrsta točki na listama

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| disc | Default value. The marker is a filled circle |
| armenian | The marker is traditional Armenian numbering |
| circle | The marker is a circle |
| cjk-ideographic | The marker is plain ideographic numbers |
| decimal | The marker is a number |
| decimal-leading-zero | The marker is a number with leading zeros (01, 02, 03, etc.) |
| georgian | The marker is traditional Georgian numbering |
| hebrew | The marker is traditional Hebrew numbering |
| hiragana | The marker is traditional Hiragana numbering |
| hiragana-iroha | The marker is traditional Hiragana iroha numbering |
| katakana | The marker is traditional Katakana numbering |
| katakana-iroha | The marker is traditional Katakana iroha numbering |
| lower-alpha | The marker is lower-alpha (a, b, c, d, e, etc.) |
| lower-greek | The marker is lower-greek |
| lower-latin | The marker is lower-latin (a, b, c, d, e, etc.) |
| lower-roman | The marker is lower-roman (i, ii, iii, iv, v, etc.) |
| none | No marker is shown |
| square | The marker is a square |
| upper-alpha | The marker is upper-alpha (A, B, C, D, E, etc.) |
| upper-greek | The marker is upper-greek |
| upper-latin | The marker is upper-latin (A, B, C, D, E, etc.) |
| upper-roman | The marker is upper-roman (I, II, III, IV, V, etc.) |

# ANIMACIJE I PRIJELAZI

Upravljanje animacijama i promjenama na stranici

**animation-delay**

- odgađanje početka animacije, u sekundama ili milisekundama

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| time | Optional. Defines the number of seconds (s) or milliseconds (ms) to wait before the animation will start. Default value is 0. Negative values are allowed. If you use negative values, the animation will start as if it had already been playing for *N* seconds/milliseconds. |

**animation-direction**

- u kojem će se smjeru odvijati animacija

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| normal | Default value. The animation is played as normal (forwards) |
| reverse | The animation is played in reverse direction (backwards) |
| alternate | The animation is played forwards first, then backwards |
| alternate-reverse | The animation is played backwards first, then forwards |

**animation-duration**

- koliko treba animaciji da napravi jedan krug

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| time | Specifies the length of time an animation should take to complete one cycle. This can be specified in seconds or milliseconds. Default value is 0, which means that no animation will occur |

**animation-fill-mode**

- kako izgleda element iz animacije kad ništa ne radi (prije početka ili poslije kraja ili oboje)

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| none | Default value. Animation will not apply any styles to the element before or after it is executing |
| forwards | The element will retain the style values that is set by the last keyframe (depends on animation-direction and animation-iteration-count) |
| backwards | The element will get the style values that is set by the first keyframe (depends on animation-direction), and retain this during the animation-delay period |
| both | The animation will follow the rules for both forwards and backwards, extending the animation properties in both directions |

**animation-iteration-count**

- koliko se puta animacija treba ponoviti

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| number | A number that defines how many times an animation should be played. Default value is 1 |
| infinite | Specifies that the animation should be played infinite times (for ever) |

**animation-name**

- ime animacije preko kojeg se povezuje s @keyframes

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| keyframename | Specifies the name of the keyframe you want to bind to the selector |
| none | Default value. Specifies that there will be no animation (can be used to override animations coming from the cascade) |

**animation-play-style**

- označava kreće li se animacija ili stoji

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| paused | Specifies that the animation is paused |
| running | Default value. Specifies that the animation is running |

**animation-timing-function**

- označava brzinu animacije

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| linear | The animation has the same speed from start to end |
| ease | Default value. The animation has a slow start, then fast, before it ends slowly |
| ease-in | The animation has a slow start |
| ease-out | The animation has a slow end |
| ease-in-out | The animation has both a slow start and a slow end |
| step-start | Equivalent to steps(1, start) |
| step-end | Equivalent to steps(1, end) |
| steps  (int,start|end) | Specifies a stepping function, with two parameters. The first parameter specifies the number of intervals in the function. It must be a positive integer (greater than 0). The second parameter, which is optional, is either the value "start" or "end", and specifies the point at which the change of values occur within the interval. If the second parameter is omitted, it is given the value "end" |
| cubic-bezier(n,n,n,n) | Define your own values in the cubic-bezier function Possible values are numeric values from 0 to 1 |

**transform**

- donosi 2D ili 3D transformaciju elementa, rotiranje, pomicanje, skaliranje elementa…

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| none | Defines that there should be no transformation |
| matrix(n,n,n,n,n,n) | Defines a 2D transformation, using a matrix of six values |
| 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 |
| translate(x,y) | Defines a 2D translation |
| translate3d(x,y,z) | Defines a 3D translation |
| translateX(x) | Defines a translation, using only the value for the X-axis |
| translateY(y) | Defines a translation, using only the value for the Y-axis |
| translateZ(z) | Defines a 3D translation, using only the value for the Z-axis |
| scale(x,y) | Defines a 2D scale transformation |
| scale3d(x,y,z) | Defines a 3D scale transformation |
| scaleX(x) | Defines a scale transformation by giving a value for the X-axis |
| scaleY(y) | Defines a 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 |
| rotate(angle) | Defines a 2D rotation, the angle is specified in the parameter |
| 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 |
| 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 |
| perspective(n) | Defines a perspective view for a 3D transformed element |

**transform-origin**

- mjesto s kojega transformacija kreće

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| x-axis | Defines where the view is placed at the x-axis. Possible values:  left  center  right  length  % |
| y-axis | Defines where the view is placed at the y-axis. Possible values:  top  center  bottom  length  % |
| z-axis | Defines where the view is placed at the z-axis (for 3D transformations). Possible values:  length |

**transform-style**

- način transformacije 3D objekata

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| flat | Specifies that child elements will NOT preserve its 3D position. This is default |
| preserve-3d | Specifies that child elements will preserve its 3D position |

**transition-delay**

- kad će tranzicija započeti

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| time | Specifies the number of seconds or milliseconds to wait before the transition effect will start |

**transition-duration**

- trajanje tranzicije

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| time | Specifies how many seconds or milliseconds a transition effect takes to complete. Default value is 0s, meaning there will be no effect |

**transition-property**

- koji će se property promijeniti kad treba doći do promjene

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| none | No property will get a transition effect |
| all | Default value. All properties will get a transition effect |
| property | Defines a comma separated list of CSS property names the transition effect is for |

**transition-timing-function**

- brzina i način brzine obavljanja tranzicije

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| ease | Default value. Specifies a transition effect with a slow start, then fast, then end slowly (equivalent to cubic-bezier(0.25,0.1,0.25,1)) |
| linear | Specifies a transition effect with the same speed from start to end (equivalent to cubic-bezier(0,0,1,1)) |
| ease-in | Specifies a transition effect with a slow start (equivalent to cubic-bezier(0.42,0,1,1)) |
| ease-out | Specifies a transition effect with a slow end (equivalent to cubic-bezier(0,0,0.58,1)) |
| ease-in-out | Specifies a transition effect with a slow start and end (equivalent to cubic-bezier(0.42,0,0.58,1)) |
| step-start | Equivalent to steps(1, start) |
| step-end | Equivalent to steps(1, end) |
| steps(int,start|end) | Specifies a stepping function, with two parameters. The first parameter specifies the number of intervals in the function. It must be a positive integer (greater than 0). The second parameter, which is optional, is either the value "start" or "end", and specifies the point at which the change of values occur within the interval. If the second parameter is omitted, it is given the value "end" |
| cubic-bezier(n,n,n,n) | Define your own values in the cubic-bezier function. Possible values are numeric values from 0 to 1 |

# PRINTANJE

Kako će se elementi rasporediti ukoliko bi se stranica printala

**break-after, break-before**

- može li page break, column break ili region break doći poslije ovog elementa ili prije elementa, bitno za printanje stranice

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | Default. Automatic page/column/region break after the element |
| all | Always insert a page-break right after the principal box |
| always | Always insert a page-break after the element |
| avoid | Avoid a page/column/region break after the element |
| avoid-column | Avoid a column-break after the element |
| avoid-page | Avoid a page-break after the element |
| avoid-region | Avoid a region-break after the element |
| column | Always insert a column-break after the element |
| left | Insert one or two page-breaks after the element so that the next page is formatted as a left page |
| page | Always insert a page-break after the element |
| recto | Insert one or two page-breaks after the principal box so that the next page is formatted as a recto page |
| region | Always insert a region-break after the element |
| right | Insert one or two page-breaks after the element so that the next page is formatted as a right page |
| verso | Insert one or two page-breaks after the principal box so that the next page is formatted as a verso page |

**break-inside**

- može li page break, column break ili region break doći unutar ovog elementa, bitno za printanje stranice

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | Default. Automatic page/column/region break inside the element |
| avoid | Avoid a page/column/region break inside the element |
| avoid-column | Avoid a column-break inside the element |
| avoid-page | Avoid a page-break inside the element |
| avoid-region | Avoid a region-break inside the element |

**page-break-after, page-break-before, page-break-inside**

- kod printanja, kako će se stranica ponašati, ne mogu se staviti na prazan <div> ili na absoluto pozicionirae elemente

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | Default. Automatic page-break |
| always | Always insert a page-break after the element |
| avoid | Avoid a page-break after the element (if possible) |
| left | Insert page-break after the element so that the next page is formatted as a left page |
| right | Insert page-break after the element so that the next page is formatted as a right page |

# RAZNO

Ostale naredbe

**content**

- koristi se s ::before i ::after pseudoelementima kako bi im se dao sadržaj

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| normal | Default value. Sets the content, if specified, to normal, which default is "none" (which is nothing) |
| none | Sets the content, if specified, to nothing |
| counter | Sets the content as a counter |
| attr(attribute) | Sets the content as one of the selector's attribute |
| string | Sets the content to the text you specify |
| open-quote | Sets the content to be an opening quote |
| close-quote | Sets the content to be a closing quote |
| no-open-quote | Removes the opening quote from the content, if specified |
| no-close-quote | Removes the closing quote from the content, if specified |
| url(url) | Sets the content to be some kind of media (an image, a sound, a video, etc.) |

**counter-increment**

- povećava ili smanjuje vrijednost jednog ili više CSS brojača

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| none | Default value. No counters will be incremented |
| id number | The id defines which counter to increment. The number sets how much the counter will increment on each occurrence of the selector. The default increment is 1. Negative values are allowed. If id refers to a counter that has not been initialized by counter-reset, the default initial value is 0 |

**counter-reset**

- stvara ili resetira CSS brojače. Često se koristi s ::before ili ::after pseudoelementima

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| none | Default value. No counters will be reset |
| id number | The id defines which counter to reset. The number sets the value the counter is reset to on each occurrence of the selector. The default *number* value is 0 |

**cursor**

- promjena miša kad prijeđe preko elementa

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| alias | The cursor indicates an alias of something is to be created |
| all-scroll | The cursor indicates that something can be scrolled in any direction |
| auto | Default. The browser sets a cursor |
| cell | The cursor indicates that a cell (or set of cells) may be selected |
| context-menu | The cursor indicates that a context-menu is available |
| col-resize | The cursor indicates that the column can be resized horizontally |
| copy | The cursor indicates something is to be copied |
| crosshair | The cursor render as a crosshair |
| default | The default cursor |
| e-resize | The cursor indicates that an edge of a box is to be moved right (east) |
| ew-resize | Indicates a bidirectional resize cursor |
| grab | The cursor indicates that something can be grabbed |
| grabbing | The cursor indicates that something can be grabbed |
| help | The cursor indicates that help is available |
| move | The cursor indicates something is to be moved |
| n-resize | The cursor indicates that an edge of a box is to be moved up (north) |
| ne-resize | The cursor indicates that an edge of a box is to be moved up and right (north/east) |
| nesw-resize | Indicates a bidirectional resize cursor |
| ns-resize | Indicates a bidirectional resize cursor |
| nw-resize | The cursor indicates that an edge of a box is to be moved up and left (north/west) |
| nwse-resize | Indicates a bidirectional resize cursor |
| no-drop | The cursor indicates that the dragged item cannot be dropped here |
| none | No cursor is rendered for the element |
| not-allowed | The cursor indicates that the requested action will not be executed |
| pointer | The cursor is a pointer and indicates a link |
| progress | The cursor indicates that the program is busy (in progress) |
| row-resize | The cursor indicates that the row can be resized vertically |
| s-resize | The cursor indicates that an edge of a box is to be moved down (south) |
| se-resize | The cursor indicates that an edge of a box is to be moved down and right (south/east) |
| sw-resize | The cursor indicates that an edge of a box is to be moved down and left (south/west) |
| text | The cursor indicates text that may be selected |
| URL | A comma separated list of URLs to custom cursors. Note: Always specify a generic cursor at the end of the list, in case none of the URL-defined cursors can be used |
| vertical-text | The cursor indicates vertical-text that may be selected |
| w-resize | The cursor indicates that an edge of a box is to be moved left (west) |
| wait | The cursor indicates that the program is busy |
| zoom-in | The cursor indicates that something can be zoomed in |
| zoom-out | The cursor indicates that something can be zoomed out |

**isolation**

- treba li element stvoriti novi stacking content. Korisno je s background-blend-mode ili mix-blend-mode

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | Default. A new stacking context is created only if one of the properties applied to the element requires it |
| isolate | A new stacking context must be created |

**pointer-events**

- hoće li element reagirati na pointer evente

|  |  |
| --- | --- |
| **VRIJEDNOST** | **OPIS** |
| auto | The element reacts to pointer events, like :hover and click. This is default |
| none | The element does not react to pointer events |