CSS Pseudo Cheat Sheet

Simple Selectors

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| Selector | Syntax | Example |
| Element | Element | Div {  } |
| Class | .class | .alpha {  } |
| ID | #id | #alpha {  } |
| Universal | \* | \* {  } |

Variations of simple selectors

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| Elements | Syntax | Example | Description |
| Two classes | .first-class.second-class | .alpha.beta {  } | All elements with classes alpha AND beta |
| Element and class | Element.class | p.alpha {  } | All alpha class elements inside <p> |
| Two elements | Element, element | P, div {  } | All <p> and <div> elements |
| Two elements | Element element | P div {  } | All <div> elements inside <p> |

Descendant selectors/combinators

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| Selector | Syntax | Example | Discription |
| Descendant | Element element | Div p {  } | All <p> descendants of <div> |
| Child | Element > element | Div > p {  } | All <p> direct descendants of <div> |
| Adjacent sibling | Element+element | Div + p {  } | <p> element directly after <div> |
| General sibling | Element~element | Div ~ p {  } | All <p> element iterations after <div> |

Attribute selectors

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| Selector | Syntax | Example |
| [attribute] | [href] {  } | Selects all elements with a href attribute |
| [attribute=value] | [lang=”fr”] | Selects all elements with lang attribute that has a value of “fr” |
| [attribute~=value] | [input~=hello] | Elements with input attribute containing the whitespace separated substring "hello" |
| [attribute|=value] | [lang|=en] {  } | Elements with lang attribute value equal to "en" or "en-"(en hyphen) |
| [attribute^=value] | a[href^="https"] {  } | Every <a> element with href attribute value begins with "https" |
| [attribute$=value] | a[href\*="meta"] {  } | Every <a> element with href attribute value ends with ".docx" |
| [attribute\*=value] | a[href\*="meta"] {  } | Every <a> element with href attribute value has substring "meta" |

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| Pseudo-class | Example | Description of selection |
| :active | a:active { } | All active links |
| :checked | input:checked { } | All the checked <input> elements |
| :default | input:default { } | All default <input> elements |
| :disabled | input:disabled { } | All disabled <input> elements |
| :empty | div:empty { } | All the <div> elements with no children |
| :enabled | input:enabled { } | All the enabled <input> elements |
| :first-child | p:first-child { } | All the <p> elements who are the first child of a parent element |
| :first-of-type | p:first-of-type { } | All the <p> element who are the first <p> element of a parent element |
| :focus | input:focus { } | Input element under focus |
| :fullscreen | :fullscreen { } | The element in full-screen mode |
| :hover | p:hover { } | Action effect on mouse hover |
| :invalid | input:invalid { } | Input elements with an invalid value |
| :last-child | p:last-child { } | All the <p> elements who are the last child of a parent element |
| :last-of-type | p:last-of-type { } | All the <p> elements who are the last <p> element of a parent element |
| :link | a:link { } | All unvisited links |
| :not(*selector*) | :not(div) { } | All the elements that are not a <div> element |
| :nth-child(*n*) | div:nth-child(3) { } | All the <p> elements that are the third child of a parent element |
| :nth-last-child(*n*) | div:nth-last-child(3) { } | All the <div> elements which are the third child of a parent element, counting from last child element |
| :nth-last-of-type(*n*) | p:nth-last-of-type(2) { } | The second sibling from the last child of a parent element. |
| :nth-of-type(*n*) | p:nth-of-type(2) { } | The second sibling of a parent element. |
| :only-of-type | p:only-of-type { } | All the <p> elements which are only <p> elements inside its parent |
| :only-child | p:only-child { } | All the <p> elements which are only child of a parent element |
| :optional | input:optional { } | The input elements with no "required" attribute |
| :required | input:required { } | Selects input elements with the "required" attribute specified |
| :root | :root { } | The Root element of document |
| ::selection | ::selection { } | The portion of an element that is selected by a user |
| :valid | input:valid { } | All the input elements with a valid value |
| :visited | a:visited { } | Selects all visited links |

Pseudo-element selectors

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| Syntax | Example | Description |
| ::after | p::after { } | Inserts content after content of <p> element |
| ::before | p::before { } | Inserts content before content of <p> element |
| ::first-letter | p::first-letter { } | Selects first letter of every <p> element |
| ::first-line | p::first-line { } | Selects first line of every <p> element |
| ::placeholder | input::placeholder { } | Selects input elements with "placeholder" attribute specified |
| ::marker | ::marker { } | Selects markers in a list |