|  |  |  |
| --- | --- | --- |
| **SELECTOR** | **EXAMPLE** | **DESCRIPTION** |
| \* | \* | Select all elements |
| Type | tagName (input, div, span) | Select elements of that type based on its HTML tag |
| Class | .class | Select elements based on class |
| Id | #id (#login, #offers) | Select elements based on id |

## *Basic Selectors*

## *Combination of selectors*

|  |  |  |
| --- | --- | --- |
| **SELECTOR** | **EXAMPLE** | **DESCRIPTION** |
| Descendant | div a | Select elements that are descendants of the first element |
| Direct Child | div > a | Select elements that are direct children of the first element |
| General Sibling | div ~ a | Select elements that are siblings of the first element and come after the first element |
| Adjacent Sibling | div + a | Select elements that are siblings of the first element and come directly after the first element |
| Or | div, a | Select elements that match any selector in the list |
| And | div.c | Select elements that match all the selector combinations |

## *Attribute*

|  |  |  |
| --- | --- | --- |
| **SELECTOR** | **EXAMPLE** | **DESCRIPTION** |
| Has | [href] | Select elements that have an href attribute, such as links |
| Exact | [type="text"] | Select elements that have a ‘type’ attribute exactly equal to ‘text’ |
| Begins With | [src^="https"] | Select elements whose ‘src’ attribute value begins with ‘https’ |
| Ends With | [href$=".pdf"] | Select elements whose ‘href’ attribute ends with ‘.pdf’ |
| Substring | [class\*="warning"] | Select elements whose class attribute contains the substring ‘warning’ anywhere |

***Pseudo Element Selector***

|  |  |  |
| --- | --- | --- |
| **SELECTOR** | **EXAMPLE** | **DESCRIPTION** |
| Before | div::before | Creates an empty element directly before the children of selected element |
| After | div::after | Creates an empty element directly after the children of selected element |

## *Pseudo Class State*

|  |  |  |
| --- | --- | --- |
| **SELECTOR** | **EXAMPLE** | **DESCRIPTION** |
| Hover | button:hover | Select elements that are hovered by the mouse |
| Focus | button:focus | Select elements that are focused. |
| Required | input:required | Select inputs that are required |
| Checked | input:checked | Select checkboxes/radio buttons that are checked |
| Disabled | input:disabled | Select inputs that are disabled |

## *Pseudo Class Position/Other*

|  |  |  |
| --- | --- | --- |
| **SELECTOR** | **EXAMPLE** | **DESCRIPTION** |
| First Child | a:first-child | Select elements that are the first child inside a container |
| Last Child | a:last-child | Select elements that are the last child inside a container |
| Nth Child | a:nth-child(2n) | Select elements that are the nth child inside a container based on the formula |
| Nth Last Child | a:nth-last-child(3) | Select elements that are the nth child inside a container based on the formula counting from the end |
| Only Child | a:only-child | Select elements that are the only child inside a container |
| Last Of Type | a:last-of-type | Select elements that are the last of a type inside a container |
| Nth Of Type | a:nth-of-type(2n) | Select elements that are the nth of a type inside a container based on the formula |
| Nth Last Of Type | a:nth-last-of-type(2) | Select elements that are the nth of a type inside a container based on the formula counting from the end |
| Only Of Type | a:only-of-type | Select elements that are the only of a type inside a container |
| Not | a:not(.c) | Select all elements that do not match the selector inside the not selector |
| First Of Type | a:first-of-type | Select elements that are the first of a type inside a container |