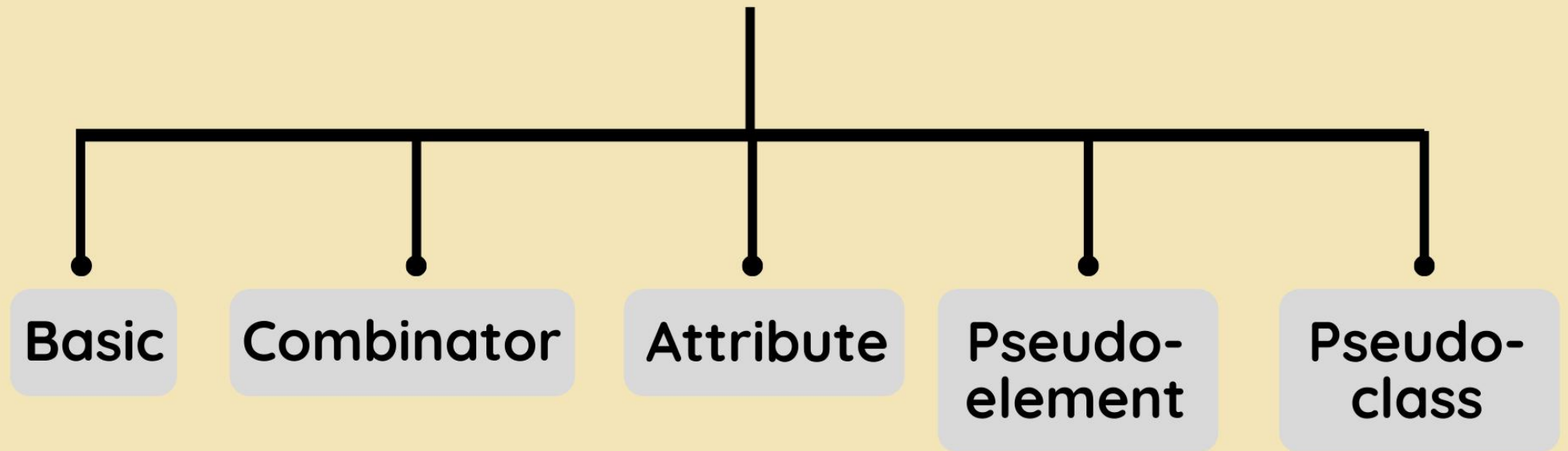




# CSS Selectors

## CheatSheet


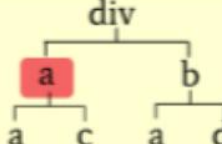




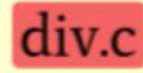
# CSS SELECTORS



# Basic Selectors

| Name      | CSS | Description                     | Results                             |
|-----------|-----|---------------------------------|-------------------------------------|
| Universal | *   | Select all elements             | <b>a</b> <b>b</b> <b>c</b> <b>d</b> |
| Type      | div | Select elements of that type    | <b>div</b> b c <b>div</b>           |
| Class     | .b  | Select elements with that class | .a <b>.b</b> .c .d                  |
| Id        | #c  | Select elements with that id    | #a #b <b>#c</b> #d                  |

# Combinator Selectors

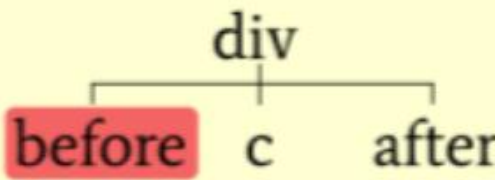
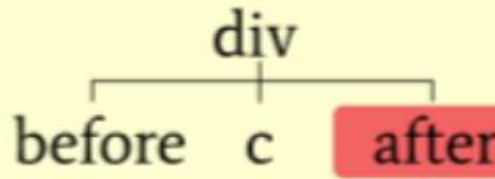
| Name             | CSS                     | Description   | Results  |
|------------------|-------------------------|---|--|
| Descendent       | <code>div a</code>      | Select elements that are descendents of the first element   |   |
| Direct Child     | <code>div &gt; a</code> | Select elements of that are direct children of the first element                                      |   |
| General Sibling  | <code>div ~ a</code>    | Select elements with that are siblings of the first element and come after the first element          | <code>a div</code>   |
| Adjacent Sibling | <code>div + a</code>    | Select elements with that are siblings of the first element and come directly after the first element | <code>a div</code>  <code>a</code>  |
| Or               | <code>div, a</code>     | Select elements that match any selector in the list   | <code>a div</code>  <code>a</code>  |
| And              | <code>div.c</code>      | Select elements that match all the selector combinations  | <code>.a</code>  <code>.c div</code>  |

# Attribute

| Name        | CSS       | Description  | Results           |
|-------------|-----------|--|-------------------|
| Has         | [a]       | Select elements that have that attribute                             | [a] [a="1"] [c] d |
| Exact       | [a="1"]   | Select elements that have that attribute with exactly that value     | [a] [a="1"] [c] d |
| Begins with | [a^="1"]  | Select elements that have that attribute which start with that value | [a="12"] [a="21"] |
| Ends with   | [a\$="1"] | Select elements that have that attribute which end with that value   | [a="12"] [a="21"] |
| Substring   | [a*="1"]  | Select elements that have that attribute which contains that value   | [a="12"] [a="21"] |



# Pseudo Element

| Name            | CSS         | Description   | Results   |
|-----------------|-------------|---|---|
| Before selector | div::before | Creates an empty element directly before the children of selected element |  <pre>graph TD; div --- before; div --- c; div --- after; style before fill:#ff0000</pre>  |
| After selector  | div::after  | Creates an empty element directly after the children of selected element  |  <pre>graph TD; div --- before; div --- c; div --- after; style after fill:#ff0000</pre> |

# Pseudo Class (State)

| Name     | CSS                         | Description                                      |
|----------|-----------------------------|--|
| Hover    | <code>button:hover</code>   | Select elements that are hovered by the mouse    |
| Focus    | <code>button:focus</code>   | Select elements that are focused                 |
| Required | <code>input:required</code> | Select inputs that are required                  |
| Checked  | <code>input:checked</code>  | Select checkboxes/radio buttons that are checked |
| Disabled | <code>input:disabled</code> | Select inputs that are disabled                  |

# Pseudo Class (Position/Other)

| Name             | CSS                                | Description  | Results   |
|------------------|------------------------------------|--|---|
| First Child      | <code>a:first-child</code>         | Select elements that are the first child inside a container  | <div>div</div> <div>a b</div> <div>div</div> <div>b a</div> |
| Last Child       | <code>a:last-child</code>          | Select elements that are the last child inside the container   | <div>div</div> <div>a b</div> <div>div</div> <div>b a</div> |
| Nth Child        | <code>a:nth-child(2n)</code>       | Select elements that are the nth child inside a container based on formula                           | <div>div</div> <div>a a b a</div>                           |
| Nth Last Child   | <code>a:nth-last-child(3)</code>   | Select elements that are the nth child inside a container based on the formula counting from the end | <div>div</div> <div>a a b a</div>                           |
| Only Child       | <code>a:only-child</code>          | Select elements that are the only child inside a container   | <div>div</div> <div>a b</div> <div>div</div> <div>a</div>   |
| First Of Type    | <code>a:first-of-type</code>       | Select elements that are the first of a type inside a container                                      | <div>div</div> <div>b a a b</div>                           |
| Last Of Type     | <code>a:last-of-type</code>        | Select elements that are the last of a type inside a container                                       | <div>div</div> <div>b a a b</div>                           |
| Nth Of Type      | <code>a:nth-of-type(2n)</code>     | Select elements that are the nth of a type inside a container based on formula                       | <div>div</div> <div>b a a b</div>                           |
| Nth Last Of Type | <code>a:nth-last-of-type(2)</code> | Select elements that are the nth of a type inside a container based on formula counting from the end | <div>div</div> <div>b a a b</div>                           |
| Only Of Type     | <code>a:only-of-type</code>        | Select elements that are the only of a type inside a container                                       | <div>div</div> <div>b b a b</div>                           |
| Not              | <code>a:not(.c)</code>             | Select elements that do not match the selector inside the not selector                               | <div>div</div> <div>b a.c a a.d</div>                       |