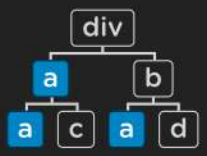
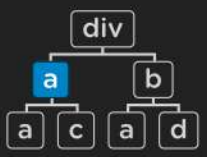
CSS {selectors: cheat-sheet}

Basic

Name	CSS	Description	Results
Universal Selector	`*`	Select all elements	a b c d
Type Selector	`div`	Select elements of that type Select div elements	a div c div
Class Selector	`.c`	Select elements with that class Select elements with the c class	.a .b .c .d
Id Selector	`#i`	Select elements with that id Select elements with the i id *It is best practice to not use ids in CSS	#a #b #i #d

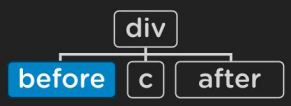
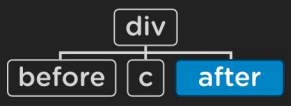
Combination

Name	CSS	Description	Results
Descendant Selector	`div a`	Select elements that are descendants of the first element Select anchors that are inside a div	
Direct Child Selector	`div > a`	Select elements that are direct children of the first element Select anchors that are direct children of a div	
General Sibling Selector	`div ~ a`	Select elements that are siblings of the first element and come after the first element Selects all anchors that are siblings of a div and come after the div	a div a a
Adjacent Sibling Selector	`div + a`	Select elements that are siblings of the first element and come directly after the first element Selects all anchors that are siblings of a div and come directly after the div	a div a a
Or Selector	`div, a`	Select elements that match any selector in the list Selects all anchors and all divs	a div a b
And Selector	`div.c`	Select elements that match all the selector combinations Selects all divs with the class c	.a div.c .c div

Attribute

Name	CSS	Description	Results
Has Attribute	`[a]`	Select elements that have that attribute Select elements with the a attribute	[a] [a="1"] [c] d
Exact Attribute	`[a="1"]`	Select elements that have that attribute with exactly that value Select elements with the a attribute with a value of 1	[a] [a="1"] [c] d
Begins With Attribute	`[a^="1"]`	Select elements that have that attribute which start with that value Select elements with the a attribute with a value that starts with 1	[a="12"] [a="21"]
Ends With Attribute	`[a$="1"]`	Select elements that have that attribute which end with that value Select elements with the a attribute with a value that ends with 1	[a="12"] [a="21"]
Substring Attribute	`[a*="1"]`	Select elements that have that attribute which contain that value anywhere Select elements with the a attribute with a value that contains a 1	[a="12"] [a="21"]

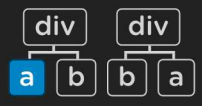
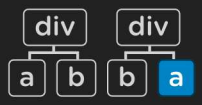
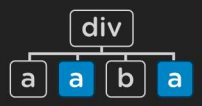
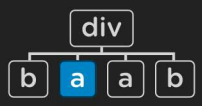
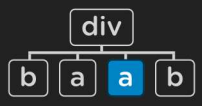
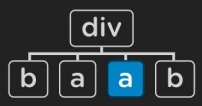
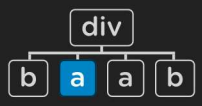
Pseudo Element

Name	CSS	Description	Results
Before Selector	`div::before`	Creates an empty element directly before the children of selected element	
After Selector	`div::after`	Creates an empty element directly after the children of selected element	

Pseudo Class State

Name	CSS	Description
Hover Selector	`button:hover`	Select elements that are hovered by the mouse Select buttons that are being hovered
Focus Selector	`button:focus`	Select elements that are focused. Select buttons that are being focused *Focus is set by either tabbing to an element or clicking an element such as a button or anchor tag
Required Selector	`input:required`	Select inputs that are required Select inputs with the required attribute
Checked Selector	`input:checked`	Select checkboxes/radio buttons that are checked Select inputs that are checked
Disabled Selector	`input:disabled`	Select inputs that are disabled Select inputs with the disabled attribute

Pseudo Class Position/Other

Name	CSS	Description	Results
First Child Selector	`a:first-child`	Select elements that are the first child inside a container Select anchors that are the first child	
Last Child Selector	`a:last-child`	Select elements that are the last child inside a container Select anchors that are the last child	
Nth Child Selector	`a:nth-child(2n)`	Select elements that are the nth child inside a container based on the formula Select anchors that are even numbered children	
Nth Last Child Selector	`a:nth-last-child(3)`	Select elements that are the nth child inside a container based on the formula counting from the end Select anchors that are the third to last child	
Only Child Selector	`a:only-child`	Select elements that are the only child inside a container Select anchors that are the only child	
First Of Type Selector	`a:first-of-type`	Select elements that are the first of a type inside a container Select the first anchor in a container	
Last Of Type Selector	`a:last-of-type`	Select elements that are the last of a type inside a container Select the last anchor in a container	
Nth Of Type Selector	`a:nth-of-type(2n)`	Select elements that are the nth of a type inside a container based on the formula Select every second anchor	
Nth Last Of Type Selector	`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 Select the second to last anchor	
Only Of Type Selector	`a:only-of-type`	Select elements that are the only of a type inside a container Select anchors that are the only anchor in a container	
Not Selector	`a:not(.c)`	Select all elements that do not match the selector inside the not selector Select all anchor tags that do not have the c class	