

# CSS SELECTORS

The ultimate cheat book

## BASIC CSS SELECTORS

Name	Example	Description
Id	<code>name#</code>	Locates any element with the id "name"
	<code>input#name</code>	Locates elements of input type with the id "name"
Class	<code>.btn</code>	Locates any element with the class "btn"
	<code>button.btn</code>	Locates elements of button type with the class "btn"
	<code>.btn.btn-primary</code>	Locates any element with both "btn" and "btn-primary" classes. This is particularly useful for elements we can only identify through multiple classes, because in these cases we cannot use the Selenium locator <code>ClassName</code>
Attribute	<code>[name='submit']</code>	Locates any element with the "submit" name. Any attribute can be used in place of the name.
	<code>button [name='submit']</code>	Locates button elements with the "submit" name.
	<code>[id='password'] 'placeholder='Enter your password']</code>	Locates elements with id value "password" and with the placeholder value "Enter your password"

## HIERARCHY

Name	Example	Description
Child	<code>div &gt; input</code>	Locates input elements that are direct descendants of a div element
Descendant	<code>form input</code>	Locates input elements that are descendants of a form element (on any level, the form does not need to necessarily be a parent)
First child	<code>div button:first-child</code>	Locates the first child of a div element
nth-child	<code>div button:nth-of-type(2)</code>	Locates the second button child of a div element
	<code>div button:nth-child(2)</code>	Locates the second child of a div element, which is a button element
Last child	<code>.btn</code>	Locates the last child of a div element
Sibling	<code>h1 ~ p</code>	Locates the p elements that follow an h1 element
Next sibling	<code>h1 + p</code>	Locates the p elements that follow directly after an h1 element (it doesn't just have to be the first p element, but the immediate sibling)

## SUB-STRINGS

Name	Example	Description
Begins with	<code>[placeholder^='Enter']</code>	Locates elements with placeholder value starting with the string "Enter"
Ends with	<code>[placeholder\$='password']</code>	Locates elements with placeholder value ending with the string "password"
Contains	<code>[placeholder~='password']</code>	Locates elements with placeholder value containing the string "password"
	<code>[placeholder*='password']</code>	

## OTHER ATTRIBUTES

Name	Example	Description
Unvisited links	<code>a:link</code>	Locates unvisited links
Visited links	<code>a:visited</code>	Locates visited links
Enabled elements	<code>button:enabled</code>	Locates unvisited links
Disabled elements	<code>button:disabled</code>	Locates disabled buttons
Focused elements	<code>input:focus</code>	Locates the input element which has focus
Checked check-box	<code>input:checked</code>	Locates the input elements which are checked
Read-only elements	<code>input:read-only</code>	Locates the read-only input elements
Mandatory elements	<code>input:required</code>	Locates the input elements which are required