

### CSS Selector Reference

Selector	Example	Description
#id	#txtUsername	Select element with id="txtUsername"
.class	..button	Select element with class="button"
element1 element2	form input	Select <input> element inside <form> element
element1 > element2	form > input	Select <input> element where parent is a <form> element
element1 + element2	span + input	Select <input> element placed immediately after <span> element
[attribute='value']	[name='txtUsername']	Select elements with name="txtUsername"
element[attribute='value']	input[name='txtUsername']	Select <input> element with attribute name="txtUsername"
element[attribute^='value']	input[name^='txtUser']	Select <input> element with attribute name starts with value "txtUser"
element[attribute\$='value']	input[name\$='name']	Select <input> element with attribute name ends with value "name"
element[attribute~='value']	input[name~='User']	Select <input> element with attribute name containing the value "User"

### CSS Selector Reference (cont)

element[attribute1='value1'] [attribute2='value2']	input[name='txtUsername'] input[id='txtUsername']	
element:nth-of-type(N)	form:nth-of-type(4)	Select fourth <input> element inside <form>
:nth-child(N)	form:nth-child(4)	Select fourth element withing <form>
:visited	a:visited	Select visited links

### References

W3Schools: [CSS Selector Reference](#)  
 Pragmatic Test Labs: [Mastering CSS](#)  
 Sauce Labs: [Selenium Tips: CSS Selectors](#)

### CSS in Action in Tests

```
driver.findElement(By.cssSelector(".button")).click();
//With page objects
@FindBy(css = ".button")
WebElement btnLogin;
```

### Convert XPath into CSS

You can convert XPath into CSS using [cssify](#) contributed by Santiago Suarez Ordoñez

### CSS

{ **CSS** }

**SELECTORS**



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 Page 1 of 2.

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### Sample HTML

```
<form id="frmLogin" method="post" >
  <div id="divUsername"
class="textInputContainer">
  <input name="txtUsername"
id="txtUsername" type="text">
<span class="form-hint" style="display:
none;">Username</span>
  </div>
  <div id="divPassword"
class="textInputContainer">
  <input name="txtPassword"
id="txtPassword" type="password">
<span class="form-hint" style="display:
none;">Password</span>
  </div>
  <div id="divLoginButton">
  <input type="submit" name="Submit"
class="button" value="LOGIN">
  </div>
</form>
```

### CSS Diner



Game for practicing CSS selectors with funCSS Diner

CSS Selector tester : W3Schools

### CSS Checker



It is important to ensure you use valid CSS in Selenium test scripts and the verification should be done before using in Selenium scripts. You can use a plugin like CSS Checker.

### About Pragmatic



Pragmatic Test Labs is a software testing and testing related training provider based in **Sri Lanka**.