

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 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"

CSS Selector Reference (cont)

element[attribute~='value']	input[nam-e~='User']	Select <input> element with attribute name containing the value "User"
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



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CSS



Sample HTML

```
<form id="frmLogin" method="post" >
    <div id=" div Use rna me"
class= " tex tIn put Con tai ner ">
        <input name="t xtU ser -
nam e" id=" txt Use rna me" type="t ext ">
<span class= " for m-h int " style= " dis play:
none;"> Use rna me< /sp an>
        </d iv>
        <div id=" div Pas swo rd"
class= " tex tIn put Con tai ner ">
            <input name="t xtP ass -
wor d" id=" txt Pas swo rd" type="p ass wor d">
<span class= " for m-h int " style= " dis play:
none;"> Pas swo rd< /sp an>
            </d iv>
            <div id=" div Log inB utt on">
                <input type="s ubm it"
name="S ubm it" class= " but ton " value= " LOG -
IN">
            </d iv>
        </f orm>
```

CSS Diner



Game for practicing CSS selectors with fun CSS 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.