



CSS Attribute Selectors

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Style HTML Elements With Specific Attributes

It is possible to style HTML elements that have specific attributes or attribute values.

CSS [attribute] Selector

The `[attribute]` selector is used to select elements with a specified attribute.

The following example selects all `<a>` elements with a target attribute:

Example

```
a[target] {  
  background-color: yellow;  
}
```

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CSS [attribute="value"] Selector

The `[attribute="value"]` selector is used to select elements with a specified attribute and value.

The following example selects all `<a>` elements with a target="blank" attribute:



```
a[target= _blank ] {  
  background-color: yellow;  
}
```

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CSS [attribute~="value"] Selector

The `[attribute~="value"]` selector is used to select elements with an attribute value containing a specified word.

The following example selects all elements with a title attribute that contains a space-separated list of words, one of which is "flower":

Example

```
[title~="flower"] {  
  border: 5px solid yellow;  
}
```

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The example above will match elements with `title="flower"`, `title="summer flower"`, and `title="flower new"`, but not `title="my-flower"` or `title="flowers"`.

CSS [attribute]="value"] Selector

The `[attribute]="value"]` selector is used to select elements with the specified attribute, whose value can be exactly the specified value, or the specified value followed by a hyphen (-).

Note: The value has to be a whole word, either alone, like `class="top"`, or followed by a hyphen(-), like `class="top-text"`.



```
[class]=top {  
  background: yellow;  
}
```

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CSS [attribute^="value"] Selector

The `[attribute^="value"]` selector is used to select elements with the specified attribute, whose value starts with the specified value.

The following example selects all elements with a class attribute value that starts with "top":

Note: The value does not have to be a whole word!

Example

```
[class^="top"] {  
  background: yellow;  
}
```

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CSS [attribute\$="value"] Selector

The `[attribute$="value"]` selector is used to select elements whose attribute value ends with a specified value.

The following example selects all elements with a class attribute value that ends with "test":

Note: The value does not have to be a whole word!



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```
[class*= test] {  
  background: yellow;  
}
```

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CSS [attribute*="value"] Selector

The `[attribute*="value"]` selector is used to select elements whose attribute value contains a specified value.

The following example selects all elements with a class attribute value that contains "te":

Note: The value does not have to be a whole word!

Example

```
[class*="te"] {  
  background: yellow;  
}
```

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Styling Forms

The attribute selectors can be useful for styling forms without class or ID:

Example

```
input[type="text"] {  
  width: 150px;  
}
```



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```
input[type="button"] {  
  width: 120px;  
  margin-left: 35px;  
  display: block;  
}
```

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Tip: Visit our [CSS Forms Tutorial](#) for more examples on how to style forms with CSS.

Test Yourself With Exercises

Exercise:

Set the background color to "red" for <a> elements that have a **target** attribute.

```
<style>  
    {  
    background-color: red;  
    }  
</style>  
  
<body>  
  <a href="https://w3schools.com">w3schools.com</a>  
  <a href="http://disney.com" target="_blank">Disney.com</a>  
  <a href="http://wikipedia.org" target="_top">wikipedia.org<  
</body>
```





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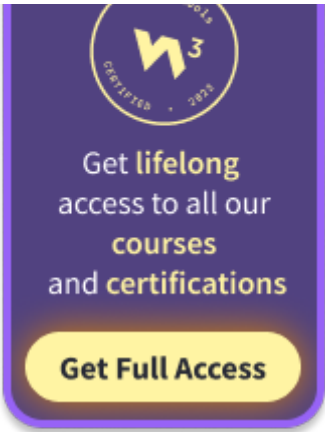
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[Start the Exercise](#)

All CSS Attribute Selectors

Selector	Example	Example description
<code>[<u>attribute</u>]</code>	<code>[target]</code>	Selects all elements with a target attribute
<code>[<u>attribute=value</u>]</code>	<code>[target="_blank"]</code>	Selects all elements with target="_blank"
<code>[<u>attribute~value</u>]</code>	<code>[title~="flower"]</code>	Selects all elements with a title attribute containing the word "flower"
<code>[<u>attribute =value</u>]</code>	<code>[lang "en"]</code>	Selects all elements with a lang attribute value starting with "en"
<code>[<u>attribute^=value</u>]</code>	<code>a[href^="https"]</code>	Selects every <a> element whose href attribute value begins with "https"
<code>[<u>attribute\$=value</u>]</code>	<code>a[href\$=".pdf"]</code>	Selects every <a> element whose href attribute value ends with ".pdf"
<code>[<u>attribute*=value</u>]</code>	<code>a[href*="w3schools"]</code>	Selects every <a> element whose href attribute value contains the substring "w3schools"

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