

# Javascript HTML DOM classList Property

- description : Javascript HTML DOM classList Property
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## The source of the article

[Javascript HTML DOM classList Property](#)

### Example

<div> "mystyle" 가 .

```
<head>
  <style>
    .mystyle {
      width: 300px;
      height: 50px;
      background-color: coral;
      color: white;
      font-size: 25px;
    }
  </style>
</head>
<body>
  <p>Click the button to add the "mystyle" class to DIV.</p>

  <button onclick="myFunction()">Try it</button>

  <p><strong>Note:</strong> The classList property is not supported in
Internet Explorer 9 and earlier versions.</p>

  <div id="myDIV">I am a DIV element</div>

  <script>
    function myFunction() {
      document.getElementById('myDIV').classList.add('mystyle');
      /*      mystyle      가 myDIV      가      */
    }
  </script>
```

</body>

## Definition and Usage

`classList` is a property of the `DOMTokenList` interface that returns a `DOMTokenList` object representing the CSS class names of the element that the interface belongs to. The `DOMTokenList` object has methods to add, remove, and toggle the class names of the element.

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`classList` is a property of the `Element` interface that returns a `DOMTokenList` object representing the CSS class names of the element that the interface belongs to. The `DOMTokenList` object has methods to add, remove, and toggle the class names of the element.

## Syntax

```
element.classList
```

## Properties

Property	Description
length	

## Methods

Method	Description
<code>add(class1, class2,...)</code>	가 . 가 . 가 .
<code>contains(class)</code>	가 : true - 가 . false - 가 .
<code>item(index)</code>	가 . 0 가 null .
<code>remove(class1, class2,...)</code>	<b>Note:</b> 가 .

Method	Description
toggle(class, true or false)	.
	false .
	가 , 가 , true .
	가 가 .
	: element.classList.toggle("classToRemove", false);
	가 : element.classList.toggle("classToAdd", true);
	<b>Note:</b> Internet Explorer Opera 12

## Technical Details

Return Value	DOMTokenList
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## More Examples

### Example

<div> 가 .

```

<head>
  <style>
    .mystyle {
      width: 500px;
      height: 50px;
      padding: 15px;
      border: 5px solid dodgerblue;
    }

    .anotherClass {
      background-color: coral;
      color: white;
    }

    .thirdClass {
      text-transform: uppercase;
      text-align: center;
      font-size: 25px;
    }
  </style>
</head>
<body>
  <p>Click the button to add multiple classes to DIV.</p>

  <button onclick="myFunction()">Try it</button>

```

```
<p><strong>Note:</strong> The classList property is not supported  
in Internet Explorer 9 and earlier versions.</p>  
  
<div id="myDIV">I am a DIV element.</div>  
  
<script>  
  function myFunction() {  
    document.getElementById('myDIV').classList.add('mystyle',  
'anotherClass', 'thirdClass');  
  }  
  /*      <div id="myDIV">I am a DIV element.</div>  
  <div id="myDIV" class="mystyle anotherClass thirdClass">  
가      */  
</script>  
</body>
```

## Example

<div>

```
<head>  
  <style>  
    .mystyle {  
      width: 500px;  
      height: 50px;  
      background-color: forestgreen;  
      color: white;  
      font-size: 25px;  
    }  
  </style>  
</head>  
<body>  
  <p>Click the button to remove the "mystyle" class from DIV.</p>  
  
  <button onclick="myFunction()">Try it!</button>  
  
  <p><strong>Note:</strong> The classList property is not supported  
in Internet Explorer 9 and earlier versions.</p>  
  
  <div id="myDIV" class="mystyle">I am a DIV element.</div>  
  
  <script>  
    function myFunction() {  
      document.getElementById('myDIV').classList.remove('mystyle');  
    } /*      #myDIV      .mystyle      */  
  </script>  
</body>
```

## Example

<div>

```
<head>
  <style>
    .mystyle {
      width: 500px;
      height: 50px;
      padding: 15px;
      border: 5px solid dodgerblue;
    }

    .anotherClass {
      background-color: coral;
      color: white;
    }

    .thirdClass {
      text-transform: uppercase;
      text-align: center;
      font-size: 25px;
    }
  </style>
</head>
<body>
  <p>Click the button to remove multiple classes to DIV.</p>

  <button onclick="myFunction()">Try it</button>

  <p><strong>Note:</strong> The classList property is not supported
  in Internet Explorer 9 and earlier versions.</p>

  <div id="myDIV" class="mystyle anotherClass thirdClass">I am a DIV
  element.</div>

  <script>
    function myFunction() {
      document.getElementById('myDIV').classList.remove('mystyle',
      'anotherClass', 'thirdClass');
    }
  /*      <div id="myDIV" class="mystyle anotherClass thirdClass">

      <div id="myDIV">I am a DIV element.</div>          CSS          */
  </script>
</body>
```

## Example

<div>

```
<head>
  <style>
    .mystyle {
      width: 300px;
      height: 50px;
      background-color: coral;
      color: white;
      font-size: 25px;
    }

    .newClassName {
      width: 400px;
      height: 100px;
      background-color: lightblue;
      text-align: center;
      font-size: 25px;
      color: navy;
      margin-bottom: 10px;
    }
  </style>
</head>
<body>
  <p>Click the button to toggle between two classes.</p>

  <button onclick="myFunction()">Try it</button>

  <p><strong>Note:</strong> The classList property is not supported
  in Internet Explorer 9 and earlier versions.</p>

  <div id="myDIV" class="mystyle">I am a DIV element.</div>

  <script>
    function myFunction() {
      document.getElementById('myDIV').classList.toggle('newClassName');
    }
    /*          <div id="myDIV" class="mystyle">
    <div id="myDIV" class="mystyle newClassName">          */
  </script>
</body>
```

## Example

<div>

가 .

```
<head>
  <style>
```

```

    .mystyle {
      width: 500px;
      height: 50px;
    }

    .anotherClass {
      background-color: lightblue;
    }

    .thirdClass {
      text-align: center;
      font-size: 25px;
      color: black;
      margin-bottom: 10px;
    }
  </style>
</head>
<body>
  <p>Click the button to display the class names of the div element.</p>

  <div id="myDIV" class="mystyle anotherClass thirdClass">
  I am a DIV element with multiple classes.</div>

  <button onclick="myFunction()">Try it</button>

  <p><strong>Note:</strong> The classList property is not supported
  in Internet Explorer 9 and earlier versions.</p>

  <p id="demo"></p>

  <script>
    function myFunction() {
      var x = document.getElementById('myDIV').classList;
      document.getElementById('demo').innerHTML = x;
    }
    /* mystyle anotherClass thirdClass */
    /* id="myDIV"가 div 가 */
  </script>
</body>

```

## Example

<div> 가 가 .

```

<head>
  <style>
    .mystyle {
      width: 500px;
      height: 50px;
    }

```

```
.anotherClass {
  background-color: lightblue;
}

.thirdClass {
  text-align: center;
  font-size: 25px;
  color: black;
  margin-bottom: 10px;
}
</style>
</head>
<body>
  <p>Click the button to display the number of class names the div element
has.</p>

  <div id="myDIV" class="mystyle anotherClass thirdClass">I am a DIV
element with three classes.</div>

  <button onclick="myFunction()">Try it</button>

  <p><strong>Note:</strong> The classList property is not supported in
Internet Explorer 9 and earlier versions.</p>

  <p id="demo"></p>

  <script>
    function myFunction() {
      var x = document.getElementById('myDIV').classList.length;
      document.getElementById('demo').innerHTML = x;
    }
    /*          id="myDIV" 가          div          . */
  </script>
</body>
```

## Example

<div> (index 0) 가 .

## Example

가 "mystyle" 가 .

# „ Javascript, HTML, DOM, classList, Property

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