

# Javascript HTML DOM Document querySelectorAll() Method

- description : Javascript HTML DOM Document querySelectorAll() Method
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## The source of the article

[HTML DOM Document querySelectorAll\(\) Method](#)

### Example

class="example" 가 가 .

```
<body>

  <h2 class="example">A heading with class="example"</h2> <!-- red
  -->
  <p class="example">A paragraph with class="example"</p> <!-- red
  -->

  <p>
    Click the button to add a background color to all elements with
    class="example".
  </p>

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

  <p><strong>Note:</strong> The querySelectorAll() method is not supported
  in Internet Explorer 8 and earlier versions.</p>

  <script>
    function myFunction() {
      var x, i;
      x = document.querySelectorAll(".example");
      for (i = 0; i < x.length; i++) {
        x[i].style.backgroundColor = "red";
      }
    }
  </script>
```

```
</script>  
  
</body>
```

## Definition and Usage

`querySelectorAll()` (static) `NodeList` CSS

`NodeList` 0

**Tip:** `NodeList`

CSS , [CSS Selectors Tutorial](#)  
[CSS Selectors Reference](#)

## Browser Support

**Note:** Internet Explorer 8 CSS2 . IE9 CSS3

## Syntax

```
document.querySelector(CSS selectors)
```

## Parameter Values

Parameter	Type	Description
CSS selectors	String	CSS ID, HTML <b>Tip:</b> CSS <a href="#">CSS Selectors Reference</a>

## Technical Details

DOM Version	Selectors Level 1	Document Object
Return Value	CSS NodeList (static) 가	DOM SYNTAX_ERR 가

## More Examples

### Example

`<p> 가 , <p> (index 0) .`

```

<body>

  <p>This is a p element.</p> <!-- red -->

  <p>This is also a p element.</p>

  <p>
    Click the button to add a background color
    to the first p element (index 0) in the document.
  </p>

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

  <p><strong>Note:</strong> The querySelectorAll() method is not supported
  in Internet 8 and eralier versions.</p>

  <script>
    function myFunction() {
      var x = document.querySelectorAll("p");
      // Get all <p> elements in the document.
      x[0].style.backgroundColor = "red";
      // Set the background color of the first <p> element
    }
  </script>

</body>

```

### Example

`class="example" <p> 가 , <p> .`

```

<body>

```

```
<h2 class="example">A heading with class="example"</h2>
<p class="example">A paragraph with class="example"</p>
<p class="example">Another paragraph with class="example".</p> <!-- yellow
-->

<p>
  Click the button to add a background color to the first p element (index
  0) in the document with class="example".
</p>

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

<p><strong>Note:</strong> The querySelectorAll() method is not supported in
Internet Explorer 8 and earlier versions.</p>

<script>
  function myFunction() {
    var x = document.querySelectorAll("p.example");
    // Get all <p> elements in the document with class="example"
    x[1].style.backgroundColor = "yellow";
    // Set the background color of the second <p> element with
    class="example" (index 1)
  }
</script>

</body>
```

## Example

class="example" 가 (NodeList length ).

```
<body>

<div class="example">
  A div element with class="example"
</div>

<div class="example">
  Another div element with class="example"
</div>

<p class="example">A p element with class="example"</p>

<p>
  Click the button to find out how many elements with class "example"
  there are in this document.
```

```

</p>

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

<p><strong>Note:</strong> The querySelectorAll() method is not supported
in Internet Explorer 8 and earlier versions.</p>

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

<script>
  function myFunction() {
    var x = document.querySelectorAll(".example");
    document.getElementById("demo").innerHTML = x.length; // 3
    console.log(x); // NodeList(3) [div.example, div.example, p.example]
  }
</script>

</body>

```

## Example

class="example"

```

<head>
  <style>
    .example {
      border: 1px solid #000;
      margin: 5px;
    }
  </style>
</head>

<body>

  <div class="example">
    A div with class="example"
    <!-- red      -->
  </div>

  <div class="example">
    Another div with class-"example"
    <!-- red      -->
  </div>

  <p class="example">This is a p element with class="example"</p> <!-- red
    -->

  <p>This is a <span class="example">span</span> element with

```

```
class="example" inside another p element.</p> <!-- span red -->

<p>Click the button to change the background color of all elements with
class="example".</p>

<button class="example" onclick="myFunction()">Try it</button> <!-- red
-->

<p><strong>Note:</strong> The querySelectorAll() method is not supported
in Internet Explorer 8 and earlier versions.</p>

<script>
function myFunction() {
var x = document.querySelectorAll(".example");
var i;
for (i = 0; i < x.length; i++) {
x[i].style.backgroundColor = "red";
}
console.log(x);
/* NodeList(5)[div.example, div.example, p.example, span.example,
button.example] */
}
</script>

</body>
```

## Example

<p>

```
<head>
<style>
.example {
border: 1px solid #000;
margin: 5px;
}
</style>
</head>

<body>

<h1>A h1 element</h1>

<div>A div element</div>

<p>A p element</p> <!-- red -->
```

```

<p>Another p element</p> <!-- red      -->

<div class="example">
  <p>A p element inside a div element.</p> <!-- red      -->
</div>

<p>
  Click the button to change the background color of all p elements in the
  document.
  <!-- red      -->
</p>

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

<p><strong>Note:</strong> The querySelectorAll() method is not supported
in Internet Explorer 8 and earlier versions.</p> <!-- red      -->

<script>
  function myFunction() {
    var x = document.querySelectorAll("p");
    var i;
    for (i = 0; i < x.length; i++) {
      x[i].style.backgroundColor = "red";
    }
    console.log(x); /* NodeList(5) [p, p, p, p, p] */
  }
  /* console.log(x); */
  /* Uncaught ReferenceError: x is not defined */
</script>

</body>

```

### Example

"target" 가 <a> .

```

<head>
  <style>
    a[target] {
      background-color: yellowgreen;
    }
  </style>
</head>

<body>
  <p>
    The CSS selector a[target] makes sure that all links with a target

```

attribute gets a yellow background:

```
</p>

<a href="https://www.w3schools.com">w3schools.com</a>
<a href="http://www.disney.com" target="_blank">disney.com</a> <!-- 10px
solid red border -->
<a href="http://www.wikipedia.org" target="_top">wikipedia.org</a> <!--
10px solid red border -->

<p>
  Click the button to add a red border to all links in the document with a
  target attribute.
</p>

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

<p><strong>Note:</strong> The querySelectorAll() method is not supported
in Internet Explorer 8 and earlier versions.</p>

<script>
  function myFunction() {
    var x = document.querySelectorAll("a[target]");
    var i;
    for (i = 0; i < x.length; i++) {
      x[i].style.border = "10px solid red";
    }
  }
</script>

</body>
```

## Example

가 <div> <p> .

```
<head>
  <style>
    div {
      border: 1px solid #000;
      margin-bottom: 10px;
    }
  </style>
</head>

<body>
```

```

<div>
  <h3>H3 element</h3>
  <p>
    I am a p element, my parent is a div element. <!-- teal
->
  </p>
</div>

<div>
  <h3>H3 element</h3>
  <p>
    I am a p element, my parent is also a div element. <!-- teal
-->
  </p>
</div>

<p>
  Click the button to change the background color of every p element where
the parent is a div element.
</p>

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

<p><strong>Note:</strong> The querySelectorAll() method is not supported
in Internet Explorer 8 and earlier versions.</p>

<script>
  function myFuncion() {
    var x = document.querySelectorAll("div > p");
    var i;
    for (i = 0; i < x.length; i++) {
      x[i].style.backgroundColor = "teal";
    }
  }
</script>

</body>

```

### Example

<h2>, <div> <span>

```

<body>

  <h1>A H1 element</h1>

  <h2>A H2 element</h2> <!-- red
-->

```

```
<div>A DIV element</div> <!-- red -->

<p>A p element</p>

<p>A p element with a <span style="color:brown;">span</span> element
inside.</p>
<!-- span red -->
<p>
  Click the button to set the background color of all h2, div and span
  elements.
</p>

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

<p><strong>Note:</strong> The querySelectorAll() method is not supported
in Internet Explorer 8 and earlier versions.</p>

<script>
  function myFunction() {
    var x = document.querySelectorAll("h2, div, span");
    var i;
    for (i = 0; i < x.length; i++) {
      x[i].style.backgroundColor = "red";
    }
    console.log(x); /* NodeList(3) [h2, div, span] */
  }
</script>

</body>
```

„ Javascript, HTML, DOM, Document, querySelectorAll(), Method

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