

# *How Minification Works to Reduce File Size*

In the case of Bootstrap, it is CSS and in case of jQuery, it is JS query.

How to convert JS code to minified CSS code?

<https://www.minifier.org>

minify according to requirement.

## **jQuery:**

Compressed

<https://code.jquery.com/jquery-3.6.0.min.js>

Uncompressed

<https://code.jquery.com/jquery-3.6.0.js>

## **Code:**

### **Index.html:**

```
<!DOCTYPE html>
```

```
<html lang="en" dir="ltr">
```

```
<head>
```

```
<meta charset="utf-8">
```

```
<title>jQuery</title>
```

```
<link rel="stylesheet" href="styles.css">
```

```
</head>
```

```
<body>
```

```
<h1>Hello.</h1>
```

```
<button>Click Me</button>
```

```
<button>Click Me</button>
```

```
<button>Click Me</button>
```

```
<button>Click Me</button>
```

```
<button>Click Me</button>
```

```
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script> <!--  
Paste it above below tag-->
```

```
<script src="index.js" charset="utf-8"></script>
```

```
</body>
```

```
</html>
```

### **Index.js:**

//2. How to Incorporate jQuery into Websites

```
//jQuery('h1').css("color","red"); //$('h1').css("color","red");
```

```
/*$(document).ready(function(){
```

```
    $('h1').css("color","red"); //After loading the page, we access the h1 to change the color.
```

//If I have to use this Method against above then we have to use jQuery Script tag in header section else use this script in body

```
//above <script src="index.js" charset="utf-8"></script> tag
```

```
});*/
```

//4. Selecting Elements with jQuery

```
$("h1"); //document.querySelector("h1");
```

\$("button"); //document.querySelectorAll("button"); There's no different in selecting one or selecting many