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# Bootstrap Progress Bars

In this tutorial you will learn how to create progress bars using Bootstrap.

## Creating Progress Bar with Bootstrap

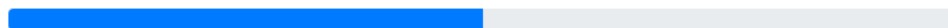
Progress bars can be used for showing the progress of a task or action to the users. The following example will show you how to create a simple progress bar with vertical gradient.

### Example

[Try this code »](#)

```
1 <div class="progress">
2   <div class="progress-bar" style="width: 50%"></div>
3 </div>
```

— The output of the above example will look something like this:



## Creating Progress Bar with Label

To show the progress status as a percentage label just remove the `<span>` with `.sr-only` class from within the progress bar as demonstrated in example above.

### Example

[Try this code »](#)

```
1 <div class="progress">
2   <div class="progress-bar" style="width: 60%">
3     60%
4   </div>
5 </div>
```

— The output of the above example will look something like this:



If you are showing percentage label you should also apply a `min-width` to the progress bar to ensure that the label text remains readable even for low percentage, like this:

### Example

[Try this code »](#)

```
1 <div class="progress">
2   <div class="progress-bar" style="min-width: 20px;">
3     0%
4   </div>
5 </div>
6 <div class="progress">
7   <div class="progress-bar" style="min-width: 20px; width: 2%;">
```

```
8 |         2%
9 |     </div>
10| </div>
```

## Setting the Height of Progress Bars

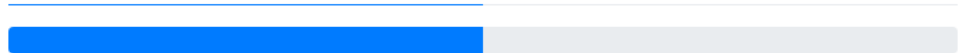
The default height of the progress-bar is 16px , but you can also set its height according to your need by setting the CSS `height` property on the `.progress` element, like this:

### Example

[Try this code »](#)

```
1 | <!-- Progress bar with 1px height -->
2 | <div class="progress" style="height: 1px;">
3 |   <div class="progress-bar" style="width: 50%;"></div>
4 | </div>
5 | <!-- Progress bar with 20px height -->
6 | <div class="progress" style="height: 20px;">
7 |   <div class="progress-bar" style="width: 50%;"></div>
8 | </div>
```

— The output of the above example will look something like this:



## Creating Stripped Progress Bar

To create the stripped progress bar just add an extra class `.progress-bar-striped` to the `.progress-bar` element, as shown in the following example:

### Example

[Try this code »](#)

```
1 | <div class="progress">
2 |   <div class="progress-bar progress-bar-striped" style="width: 60%;"></div>
3 | </div>
```

— The output of the above example will look something like this:



## Creating Animated Progress Bar

You can also animate the stripped progress-bar. Add the class `.progress-bar-animated` to the `.progress-bar` element, it will animate the stripes from right to left via [CSS3 animations](#).

### Example

[Try this code »](#)

```
1 | <div class="progress">
2 |   <div class="progress-bar progress-bar-striped progress-bar-animated"
3 |     style="width: 60%;"></div>
4 | </div>
```

— The output of the above example will look something like this:

## Changing Progress Bar Value Dynamically

Static progress bars aren't very impressive. The following example will give you a rough idea of how to update the status of a Bootstrap progress bar dynamically using jQuery.

### Example

[Try this code »](#)

```
1  <!-- Progress bar HTML -->
2  <div class="progress">
3      <div class="progress-bar progress-bar-striped" style="min-width: 20px;"></div>
4  </div>
5
6  <!-- jQuery Script -->
7  <script type="text/javascript">
8      var i = 0;
9      function makeProgress(){
10         if(i < 100){
11             i = i + 1;
12             $(".progress-bar").css("width", i + "%").text(i + " %");
13         }
14         // Wait for sometime before running this script again
15         setTimeout("makeProgress()", 100);
16     }
17     makeProgress();
18 </script>
```

## Creating Stacked Progress Bar

You can also place multiple bars into the same progress bar to stack them.

### Example

[Try this code »](#)

```
1  <div class="progress">
2      <div class="progress-bar bg-success" style="width: 40%">
3          Program Files (40%)
4      </div>
5      <div class="progress-bar bg-warning" style="width: 25%">
6          Residual Files (25%)
7      </div>
8      <div class="progress-bar bg-danger" style="width: 15%">
9          Junk Files (15%)
10     </div>
11 </div>
```

— The output of the above example will look something like this:



## Progress Bars with Emphasis Classes

Bootstrap also provides some emphasis utility classes for progress bars that can be further used to convey meaning through color, as shown in the following example:

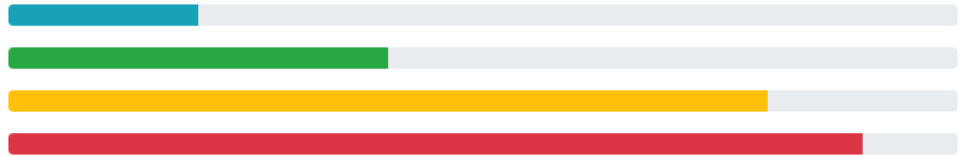
### Example

[Try this code »](#)

```
1  <div class="progress">
2      <div class="progress-bar bg-info" style="width: 20%"></div>
```

```
3 </div>
4 <div class="progress">
5   <div class="progress-bar bg-success" style="width: 40%"></div>
6 </div>
7 <div class="progress">
8   <div class="progress-bar bg-warning" style="width: 80%"></div>
9 </div>
10 <div class="progress">
11   <div class="progress-bar bg-danger" style="width: 90%"></div>
12 </div>
```

— The output of the above example will look something like this:



## Striped Progress Bars with Emphasis Classes

Similar to the solid colors, you can also create varied striped progress bars.

Example

Try this code »

```
1 <div class="progress">
2   <div class="progress-bar progress-bar-striped bg-info" style="width: 20%"></div>
3 </div>
4 <div class="progress">
5   <div class="progress-bar progress-bar-striped bg-success" style="width: 40%">
6 </div>
7 </div>
8 <div class="progress">
9   <div class="progress-bar progress-bar-striped bg-warning" style="width: 80%">
10 </div>
11 </div>
12 <div class="progress">
13   <div class="progress-bar progress-bar-striped bg-danger" style="width: 90%">
14 </div>
15 </div>
```

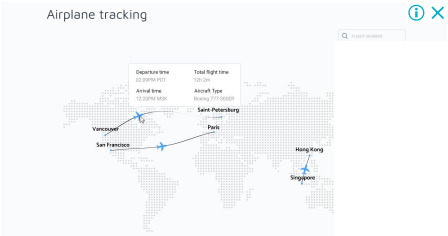
— The output of the above example will look something like this:



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