

[Ctrl + /](#)

v5.0 ▾

[View on GitHub](#)

# Progress

Documentation and examples for using Bootstrap custom progress bars featuring support for stacked bars, animated backgrounds, and text labels.



Your new development career awaits. Check out the latest listings.

ads via Carbon

## On this page

---

[How it works](#)[Labels](#)[Height](#)[Backgrounds](#)[Multiple bars](#)[Striped](#)[Animated stripes](#)[Sass](#)[Variables](#)[Keyframes](#)

## How it works

Progress components are built with two HTML elements, some CSS to set the width, and a few attributes. We don't use [the HTML5 <progress> element](#), ensuring you can stack progress bars, animate them, and place text labels over them.

- We use the `.progress` as a wrapper to indicate the max value of the progress bar.

- We use the inner `.progress-bar` to indicate the progress so far.
- The `.progress-bar` requires an inline style, utility class, or custom CSS to set their width.
- The `.progress-bar` also requires some `role` and `aria` attributes to make it accessible.


Put that all together, and you have the following examples.

```
<div class="progress">
  <div class="progress-bar" role="progressbar" aria-valuenow="0" aria-valuemin="0" a
</div>
<div class="progress">
  <div class="progress-bar" role="progressbar" style="width: 25%" aria-valuenow="25"
</div>
<div class="progress">
  <div class="progress-bar" role="progressbar" style="width: 50%" aria-valuenow="50"
</div>
<div class="progress">
  <div class="progress-bar" role="progressbar" style="width: 75%" aria-valuenow="75"
</div>
<div class="progress">
  <div class="progress-bar" role="progressbar" style="width: 100%" aria-valuenow="10
</div>
```



Bootstrap provides a handful of [utilities for setting width](#). Depending on your needs, these may help with quickly configuring progress.

```
<div class="progress">
  <div class="progress-bar w-75" role="progressbar" aria-valuenow="75" aria-valuemin
</div>
```



# Labels

Add labels to your progress bars by placing text within the `.progress-bar`.

25%

```
<div class="progress">
  <div class="progress-bar" role="progressbar" style="width: 25%;" aria-valuenow="25" />
</div>
```



# Height

We only set a `height` value on the `.progress`, so if you change that value the inner `.progress-bar` will automatically resize accordingly.

```
<div class="progress" style="height: 1px;">
  <div class="progress-bar" role="progressbar" style="width: 25%;" aria-valuenow="25" />
</div>
<div class="progress" style="height: 20px;">
  <div class="progress-bar" role="progressbar" style="width: 25%;" aria-valuenow="25" />
</div>
```




# Backgrounds

Use background utility classes to change the appearance of individual progress bars.

```

<div class="progress">
  <div class="progress-bar bg-success" role="progressbar" style="width: 25%" aria-val
</div>
<div class="progress">
  <div class="progress-bar bg-info" role="progressbar" style="width: 50%" aria-value
</div>
<div class="progress">
  <div class="progress-bar bg-warning" role="progressbar" style="width: 75%" aria-va
</div>
<div class="progress">
  <div class="progress-bar bg-danger" role="progressbar" style="width: 100%" aria-va
</div>

```



## Multiple bars

Include multiple progress bars in a progress component if you need.

```

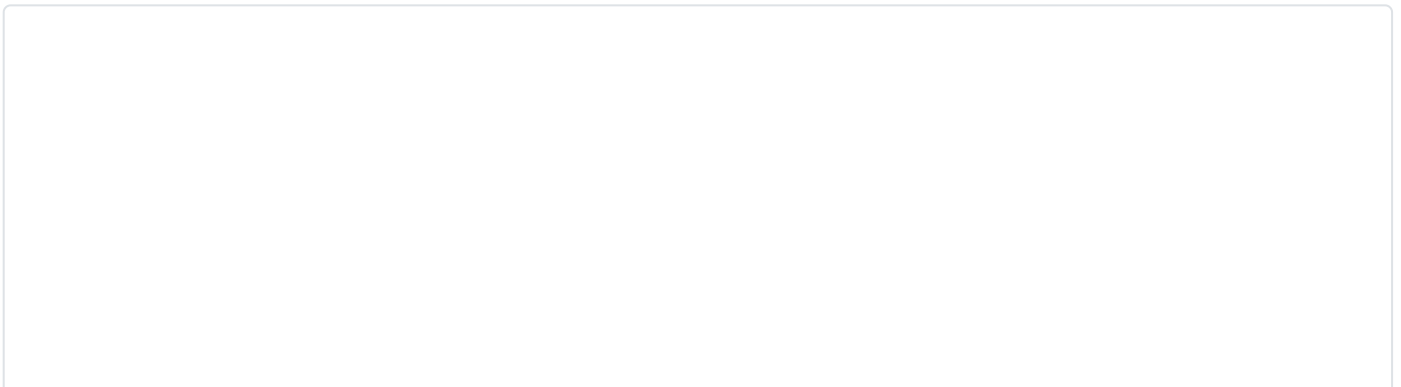
<div class="progress">
  <div class="progress-bar" role="progressbar" style="width: 15%" aria-valuenow="15"
  <div class="progress-bar bg-success" role="progressbar" style="width: 30%" aria-va
  <div class="progress-bar bg-info" role="progressbar" style="width: 20%" aria-value
</div>

```



## Striped


Add `.progress-bar-striped` to any `.progress-bar` to apply a stripe via CSS gradient over the progress bar's background color.



```

<div class="progress">
  <div class="progress-bar progress-bar-striped" role="progressbar" style="width: 10%
</div>
<div class="progress">
  <div class="progress-bar progress-bar-striped bg-success" role="progressbar" style
</div>
<div class="progress">
  <div class="progress-bar progress-bar-striped bg-info" role="progressbar" style="w
</div>
<div class="progress">
  <div class="progress-bar progress-bar-striped bg-warning" role="progressbar" style
</div>
<div class="progress">
  <div class="progress-bar progress-bar-striped bg-danger" role="progressbar" style=
</div>

```



## Animated stripes

The striped gradient can also be animated. Add `.progress-bar-animated` to `.progress-bar` to animate the stripes right to left via CSS3 animations.

Toggle animation

```

<div class="progress">
  <div class="progress-bar progress-bar-striped progress-bar-animated" role="progres
</div>

```



## Sass

### Variables

```

$progress-height: 1rem;
$progress-font-size: $font-size-base * .75;
$progress-bg: $gray-200;

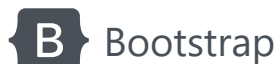
```

<code>\$progress-border-radius:</code>	<code>\$border-radius;</code>
<code>\$progress-box-shadow:</code>	<code>\$box-shadow-inset;</code>
<code>\$progress-bar-color:</code>	<code>\$white;</code>
<code>\$progress-bar-bg:</code>	<code>\$primary;</code>
<code>\$progress-bar-animation-timing:</code>	<code>1s linear infinite;</code>
<code>\$progress-bar-transition:</code>	<code>width .6s ease;</code>

## Keyframes

Used for creating the CSS animations for `.progress-bar-animated`. Included in `scss/_progress-bar.scss`.

```
@if $enable-transitions {  
  @keyframes progress-bar-stripes {  
    0% { background-position-x: $progress-height; }  
  }  
}
```



Designed and built with all the love in the world by the Bootstrap team with the help of our contributors.

Code licensed MIT, docs CC BY 3.0.

Currently v5.0.2.

Analytics by Fathom.

### Links

[Home](#)

[Docs](#)

[Examples](#)

[Themes](#)

[Blog](#)

[Swag Store](#)

### Guides

[Getting started](#)

[Starter template](#)

[Webpack](#)

[Parcel](#)

## Projects

[Bootstrap 5](#)

[Bootstrap 4](#)

[Icons](#)

[RFS](#)

[npm starter](#)

## Community

[Issues](#)

[Discussions](#)

[Corporate sponsors](#)

[Open Collective](#)

[Stack Overflow](#)