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# Progress

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



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## 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.

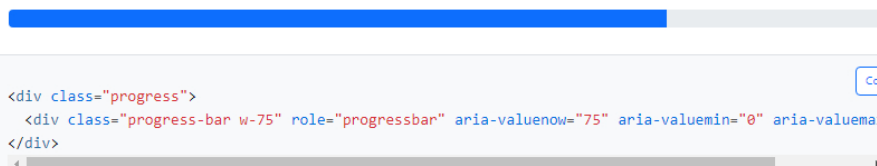
Put that all together, and you have the following examples.



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

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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="0" aria-valuemax="100">
</div>
```

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## Labels

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



```

<div class="progress">
  <div class="progress-bar" role="progressbar" style="width: 25%;" aria-valuenow="25" aria-valuemin="0"
</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" aria-valuemin="0"
</div>
<div class="progress" style="height: 20px;">
  <div class="progress-bar" role="progressbar" style="width: 25%;" aria-valuenow="25" aria-valuemin="0"
</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-valuenow="25" aria-valuemin="0"
</div>
<div class="progress">
  <div class="progress-bar bg-info" role="progressbar" style="width: 50%;" aria-valuenow="50" aria-valuemin="0"
</div>
<div class="progress">
  <div class="progress-bar bg-warning" role="progressbar" style="width: 75%;" aria-valuenow="75" aria-valuemin="0"
</div>
<div class="progress">
  <div class="progress-bar bg-danger" role="progressbar" style="width: 100%;" aria-valuenow="100" aria-valuemin="0"
</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" aria-valuemin="0"
  <div class="progress-bar bg-success" role="progressbar" style="width: 30%;" aria-valuenow="30" aria-valuemin="0"
  <div class="progress-bar bg-info" role="progressbar" style="width: 20%;" aria-valuenow="20" aria-valuemin="0"
</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%" aria-valuenow="10">
</div>
<div class="progress">
  <div class="progress-bar progress-bar-striped bg-success" role="progressbar" style="width: 25%" aria-valuenow="25">
</div>
<div class="progress">
  <div class="progress-bar progress-bar-striped bg-info" role="progressbar" style="width: 50%" aria-valuenow="50">
</div>
<div class="progress">
  <div class="progress-bar progress-bar-striped bg-warning" role="progressbar" style="width: 75%" aria-valuenow="75">
</div>
<div class="progress">
  <div class="progress-bar progress-bar-striped bg-danger" role="progressbar" style="width: 100%" aria-valuenow="100">
</div>
```

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## 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="progressbar" aria-valuenow="10">
</div>
```

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## Sass

### Variables

```
$progress-height: 1rem;
$progress-font-size: $font-size-base * .75;
$progress-bg: $gray-200;
$progress-border-radius: $border-radius;
$progress-box-shadow: $box-shadow-inset;
$progress-bar-color: $white;
$progress-bar-bg: $primary;
$progress-bar-animation-timing: 1s linear infinite;
$progress-bar-transition: width .6s ease;
```

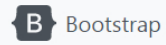
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### Keyframes

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; }
  }
}
```

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Designed and built with all the love in the world by the [Bootstrap team](#) with the help of our contributors.

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Currently [v5.0.2](#).

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