

## 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.

```
{{< example >}}
```

```
{{< /example >}}
```

Bootstrap provides a handful of [utilities for setting width]({{< docsref "/utilities/sizing" >}}). Depending on your needs, these may help with quickly configuring progress.

```
{{< example >}}
```

```
{{< /example >}}
```

## Labels

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

```
{{< example >}}
```

```
25%
```

```
{{< /example >}}
```

## Height

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

```
{{< example >}}
```

```
{{< /example >}}
```

## Backgrounds

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

```
{{< example >}}
```

```
{{< /example >}}
```

## Multiple bars

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

```
{{< example >}}
```

```
{{< /example >}}
```

## Striped

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

```
{{< example >}}
```

```
{{< /example >}}
```

## 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.

```
{{< example >}}
```

```
{{< /example >}}
```

## Sass

### Variables

```
{{< scss-docs name="progress-variables" file="scss/_variables.scss" >}}
```

### Keyframes

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

```
{{< scss-docs name="progress-keyframes" file="scss/_progress.scss" >}}
```