

# Spinners

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## About

Bootstrap “spinners” can be used to show the loading state in your projects. They’re built only with HTML and CSS, meaning you don’t need any JavaScript to create them. You will, however, need some custom JavaScript to toggle their visibility. Their appearance, alignment, and sizing can be easily customized with our amazing utility classes.

For accessibility purposes, each loader here includes `role="status"` and a nested `<span class="visually-hidden">Loading...</span>`.

```
{{< callout info >}} {{< partial "callout-info-prefersreducedmotion.md" >}}  
{{< /callout >}}
```

## Border spinner

Use the border spinners for a lightweight loading indicator.

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

Loading...

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

## Colors

The border spinner uses `currentColor` for its `border-color`, meaning you can customize the color with [text color utilities][color]. You can use any of our text color utilities on the standard spinner.

```
{{< example >}} {{< spinner.inline >}} {{- range (index $.Site.Data "theme-colors") }}
```

Loading...

```
{{- end -}} {{< /spinner.inline >}} {{< /example >}}
```

```
{{< callout info >}} Why not use border-color utilities? Each border spinner specifies a transparent border for at least one side, so .border-{color} utilities would override that. {{< /callout >}}
```

## Growing spinner

If you don't fancy a border spinner, switch to the grow spinner. While it doesn't technically spin, it does repeatedly grow!

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

Loading...

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

Once again, this spinner is built with `currentColor`, so you can easily change its appearance with [text color utilities][color]. Here it is in blue, along with the supported variants.

```
{{< example >}} {{< spinner.inline >}} {{- range (index $.Site.Data "theme-colors") }}
```

Loading...

```
{{- end -}} {{< /spinner.inline >}} {{< /example >}}
```

## Alignment

Spinners in Bootstrap are built with `rems`, `currentColor`, and `display: inline-flex`. This means they can easily be resized, recolored, and quickly aligned.

## Margin

Use margin utilities like `.m-5` for easy spacing.

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

Loading...

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

## Placement

Use flexbox utilities, [float utilities][float], or [text alignment][text] utilities to place spinners exactly where you need them in any situation.

**Flex** {{< example >}}

```
<span class="visually-hidden">Loading...</span>
```

{{< /example >}}

{{< example >}}

Loading...

{{< /example >}}

**Floats** {{< example >}}

```
<span class="visually-hidden">Loading...</span>
```

{{< /example >}}

**Text align** {{< example >}}

```
<span class="visually-hidden">Loading...</span>
```

{{< /example >}}

## Size

Add `.spinner-border-sm` and `.spinner-grow-sm` to make a smaller spinner that can quickly be used within other components.

{{< example >}}

Loading...

Loading...

{{< /example >}}

Or, use custom CSS or inline styles to change the dimensions as needed.

{{< example >}}

Loading...

Loading...

{{< /example >}}

## Buttons

Use spinners within buttons to indicate an action is currently processing or taking place. You may also swap the text out of the spinner element and utilize button text as needed.

```
{{< example >}} Loading... Loading... {{< /example >}}
{{< example >}} Loading... Loading... {{< /example >}}
```

## Sass

### Variables

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

### Keyframes

Used for creating the CSS animations for our spinners. Included in `scss/_spinners.scss`.

```
{{< scss-docs name="spinner-border-keyframes" file="scss/_spinners.scss" >}}
{{< scss-docs name="spinner-grow-keyframes" file="scss/_spinners.scss" >}}

[color]: {{< docsref "/utilities/colors" >}} [display]: {{< docsref "/utilities/display" >}} flex: {{< docsref "/utilities/flex" >}} [float]: {{< docsref "/utilities/float" >}} margin: {{< docsref "/utilities/spacing" >}} [sizing]: {{< docsref "/utilities/sizing" >}} [text]: {{< docsref "/utilities/text" >}}
```