

Flex

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Enable flex behaviors

Apply `display` utilities to create a flexbox container and transform **direct children elements** into flex items. Flex containers and items are able to be modified further with additional flex properties.

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

I'm a flexbox container!

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

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

I'm an inline flexbox container!

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

Responsive variations also exist for `.d-flex` and `.d-inline-flex`.

```
{{< markdown >}} {{< flex.inline >}} {{- range $.Site.Data.breakpoints
}} - .d{{ .abbr }}-flex - .d{{ .abbr }}-inline-flex {{- end -}} {{<
/flex.inline >}} {{< /markdown >}}
```

Direction

Set the direction of flex items in a flex container with direction utilities. In most cases you can omit the horizontal class here as the browser default is **row**. However, you may encounter situations where you needed to explicitly set this value (like responsive layouts).

Use **.flex-row** to set a horizontal direction (the browser default), or **.flex-row-reverse** to start the horizontal direction from the opposite side.

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

Flex item 1

Flex item 2

Flex item 3

Flex item 1

Flex item 2

Flex item 3

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

Use **.flex-column** to set a vertical direction, or **.flex-column-reverse** to start the vertical direction from the opposite side.

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

Flex item 1

Flex item 2

Flex item 3

Flex item 1

Flex item 2

Flex item 3

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

Responsive variations also exist for **flex-direction**.

```
{{< markdown >}} {{< flex.inline >}} {{- range $.Site.Data.breakpoints }}
- .flex{{ .abbr }}-row - .flex{{ .abbr }}-row-reverse - .flex{{ .abbr
}}-column - .flex{{ .abbr }}-column-reverse {{- end -}} {{< /flex.inline
>}} {{< /markdown >}}
```

Justify content

Use `justify-content` utilities on flexbox containers to change the alignment of flex items on the main axis (the x-axis to start, y-axis if `flex-direction: column`). Choose from `start` (browser default), `end`, `center`, `between`, `around`, or `evenly`.

```
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>

<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>

<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>

<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>

<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>

<div class="d-flex justify-content-start">...</div>
<div class="d-flex justify-content-end">...</div>
<div class="d-flex justify-content-center">...</div>
<div class="d-flex justify-content-between">...</div>
<div class="d-flex justify-content-around">...</div>
<div class="d-flex justify-content-evenly">...</div>
```

Responsive variations also exist for `justify-content`.

```
{{< markdown >}} {{< flex.inline >}} {{- range $.Site.Data.breakpoints }} -
  .justify-content{{ .abbr }}-start - .justify-content{{ .abbr }}-end
-   .justify-content{{ .abbr }}-center - .justify-content{{ .abbr }}
-   -between - .justify-content{{ .abbr }}-around - .justify-content{{
  .abbr }}-evenly {{- end -}} {{< /flex.inline >}} {{< /markdown >}}
```

Align items

Use `align-items` utilities on flexbox containers to change the alignment of flex items on the cross axis (the y-axis to start, x-axis if `flex-direction: column`). Choose from `start`, `end`, `center`, `baseline`, or `stretch` (browser default).

```
<div class="p-2 bd-highlight">Flex item</div>  
<div class="p-2 bd-highlight">Flex item</div>  
<div class="p-2 bd-highlight">Flex item</div>  
  
<div class="p-2 bd-highlight">Flex item</div>  
<div class="p-2 bd-highlight">Flex item</div>  
<div class="p-2 bd-highlight">Flex item</div>  
  
<div class="p-2 bd-highlight">Flex item</div>  
<div class="p-2 bd-highlight">Flex item</div>  
<div class="p-2 bd-highlight">Flex item</div>  
  
<div class="p-2 bd-highlight">Flex item</div>  
<div class="p-2 bd-highlight">Flex item</div>  
<div class="p-2 bd-highlight">Flex item</div>  
  
<div class="p-2 bd-highlight">Flex item</div>  
<div class="p-2 bd-highlight">Flex item</div>  
<div class="p-2 bd-highlight">Flex item</div>  
  
<div class="d-flex align-items-start">...</div>  
<div class="d-flex align-items-end">...</div>  
<div class="d-flex align-items-center">...</div>  
<div class="d-flex align-items-baseline">...</div>  
<div class="d-flex align-items-stretch">...</div>
```

Responsive variations also exist for align-items.

```

{{< markdown >}} {{< flex.inline >}} {{- range $.Site.Data.breakpoints
}} - .align-items{{ .abbr }}-start - .align-items{{ .abbr }}-end -
.align-items{{ .abbr }}-center - .align-items{{ .abbr }}-baseline
- .align-items{{ .abbr }}-stretch {{- end -}} {{< /flex.inline >}} {{<
/markdown >}}

```

Align self

Use **align-self** utilities on flexbox items to individually change their alignment on the cross axis (the y-axis to start, x-axis if **flex-direction: column**). Choose from the same options as **align-items**: **start**, **end**, **center**, **baseline**, or **stretch** (browser default).

```
<div class="p-2 bd-highlight">Flex item</div>
<div class="align-self-start p-2 bd-highlight">Aligned flex item</div>
<div class="p-2 bd-highlight">Flex item</div>

<div class="p-2 bd-highlight">Flex item</div>
<div class="align-self-end p-2 bd-highlight">Aligned flex item</div>
<div class="p-2 bd-highlight">Flex item</div>

<div class="p-2 bd-highlight">Flex item</div>
<div class="align-self-center p-2 bd-highlight">Aligned flex item</div>
```

```

<div class="p-2 bd-highlight">Flex item</div>

<div class="p-2 bd-highlight">Flex item</div>
<div class="align-self-baseline p-2 bd-highlight">Aligned flex item</div>
<div class="p-2 bd-highlight">Flex item</div>

<div class="p-2 bd-highlight">Flex item</div>
<div class="align-self-stretch p-2 bd-highlight">Aligned flex item</div>
<div class="p-2 bd-highlight">Flex item</div>

<div class="align-self-start">Aligned flex item</div>
<div class="align-self-end">Aligned flex item</div>
<div class="align-self-center">Aligned flex item</div>
<div class="align-self-baseline">Aligned flex item</div>
<div class="align-self-stretch">Aligned flex item</div>

```

Responsive variations also exist for `align-self`.

```

{{< markdown >}} {{< flex.inline >}} {{- range $.Site.Data.breakpoints
}} - .align-self{{ .abbr }}-start - .align-self{{ .abbr }}-end -
.align-self{{ .abbr }}-center - .align-self{{ .abbr }}-baseline -
.align-self{{ .abbr }}-stretch {{- end -}} {{< /flex.inline >}} {{<
/markdown >}}

```

Fill

Use the `.flex-fill` class on a series of sibling elements to force them into widths equal to their content (or equal widths if their content does not surpass their border-boxes) while taking up all available horizontal space.

```

{{< example >}}

```

Flex item with a lot of content

Flex item

Flex item

```

{{< /example >}}

```

Responsive variations also exist for `flex-fill`.

```

{{< markdown >}} {{< flex.inline >}} {{- range $.Site.Data.breakpoints }} -
.flex{{ .abbr }}-fill {{- end -}} {{< /flex.inline >}} {{< /markdown >}}

```

Grow and shrink

Use `.flex-grow-*` utilities to toggle a flex item's ability to grow to fill available space. In the example below, the `.flex-grow-1` elements uses all available space it can, while allowing the remaining two flex items their necessary space.

```

{{< example >}}

```

Flex item

Flex item

Third flex item

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

Use `.flex-shrink-*` utilities to toggle a flex item's ability to shrink if necessary. In the example below, the second flex item with `.flex-shrink-1` is forced to wrap its contents to a new line, "shrinking" to allow more space for the previous flex item with `.w-100`.

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

Flex item

Flex item

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

Responsive variations also exist for `flex-grow` and `flex-shrink`.

```
{{< markdown >}} {{< flex.inline >}} {{- range $.Site.Data.breakpoints }} -  
.flex{{ .abbr }}-{{grow|shrink}}-0 - .flex{{ .abbr }}-{{grow|shrink}}-1  
{{- end -}} {{< /flex.inline >}} {{< /markdown >}}
```

Auto margins

Flexbox can do some pretty awesome things when you mix flex alignments with auto margins. Shown below are three examples of controlling flex items via auto margins: default (no auto margin), pushing two items to the right (`.me-auto`), and pushing two items to the left (`.ms-auto`).

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

Flex item

Flex item

Flex item

Flex item

Flex item

Flex item

Flex item

Flex item

Flex item

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

With align-items

Vertically move one flex item to the top or bottom of a container by mixing `align-items`, `flex-direction: column`, and `margin-top: auto` or `margin-bottom: auto`.

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

Flex item

Flex item

Flex item

Flex item

Flex item

Flex item

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

Wrap

Change how flex items wrap in a flex container. Choose from no wrapping at all (the browser default) with `.flex-nowrap`, wrapping with `.flex-wrap`, or reverse wrapping with `.flex-wrap-reverse`.

```
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
```

```
<div class="d-flex flex-nowrap">
```

```
...
```

```
</div>
```

```
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
```

```

<div class="p-2 bd-highlight">Flex item</div>
<div class="d-flex flex-wrap">
  ...
</div>

<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>

<div class="d-flex flex-wrap-reverse">
  ...
</div>

```

Responsive variations also exist for **flex-wrap**.

```

{{< markdown >}} {{< flex.inline >}} {{- range $.Site.Data.breakpoints
}} - .flex{{ .abbr }}-nowrap - .flex{{ .abbr }}-wrap - .flex{{ .abbr
}}-wrap-reverse {{- end -}} {{< /flex.inline >}} {{< /markdown >}}

```

Order

Change the *visual* order of specific flex items with a handful of **order** utilities. We only provide options for making an item first or last, as well as a reset to use the DOM order. As **order** takes any integer value from 0 to 5, add custom CSS for any additional values needed.

```

{{< example >}}

```

First flex item

Second flex item

Third flex item

```

{{< /example >}}

```

Responsive variations also exist for **order**.


```
{{< markdown >}} {{< flex.inline >}} {{- range $bp := $.Site.Data.breakpoints
-}} {{- range (seq 0 5) }} - .order{{ $bp.abbr }}-{{ . }} {{- end -}} {{-
end -}} {{< /flex.inline >}} {{< /markdown >}}
```

Additionally there are also responsive `.order-first` and `.order-last` classes that change the `order` of an element by applying `order: -1` and `order: 6`, respectively.

```
{{< markdown >}} {{< flex.inline >}} {{- range $bp := $.Site.Data.breakpoints
-}} {{- range (slice "first" "last") }} - .order{{ $bp.abbr }}-{{ . }} {{- end
-}} {{- end -}} {{< /flex.inline >}} {{< /markdown >}}
```

Align content

Use `align-content` utilities on flexbox containers to align flex items *together* on the cross axis. Choose from `start` (browser default), `end`, `center`, `between`, `around`, or `stretch`. To demonstrate these utilities, we’ve enforced `flex-wrap`: `wrap` and increased the number of flex items.

Heads up! This property has no effect on single rows of flex items.

```
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>

<div class="d-flex align-content-start flex-wrap">
  ...
</div>

<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
```

[illegible]

```

<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>

<div class="d-flex align-content-around flex-wrap">...</div>

<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>
<div class="p-2 bd-highlight">Flex item</div>

<div class="d-flex align-content-stretch flex-wrap">...</div>

```

Responsive variations also exist for `align-content`.

```

{{< markdown >}} {{< flex.inline >}} {{- range $.Site.Data.breakpoints
}} - .align-content{{ .abbr }}-start - .align-content{{ .abbr }}-end -
  .align-content{{ .abbr }}-center - .align-content{{ .abbr }}-around
- .align-content{{ .abbr }}-stretch {{- end -}} {{< /flex.inline >}} {{<
/markdown >}}

```

Media object

Looking to replicate the media object component from Bootstrap 4? Recreate it in no time with a few flex utilities that allow even more flexibility and customization than before.

```

{{< example >}}

```

```
{{< placeholder width="100" height="100" color="#999" background="#e5e5e5" text="Image" >}}
```

This is some content from a media component. You can replace this with any content and adjust

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

And say you want to vertically center the content next to the image:

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

```
{{< placeholder width="100" height="100" color="#999" background="#e5e5e5" text="Image" >}}
```

This is some content from a media component. You can replace this with any content and adjust

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

Sass

Utilities API

Flexbox utilities are declared in our utilities API in `scss/_utilities.scss`.

[Learn how to use the utilities API.]({{< docsref "/utilities/api#using-the-api" >}})

```
{{< scss-docs name="utils-flex" file="scss/_utilities.scss" >}}
```