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Flex

Quickly manage the layout, alignment, and sizing of grid columns, navigation, components, and more with a full suite of responsive flexbox utilities. For more complex implementations, custom CSS may be necessary.

On this page

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.

I'm a flexbox container!

```
<div class="d-flex p-2 bd-highlight">I'm a flexbox container!</div>
```

I'm an inline flexbox container!

```
<div class="d-inline-flex p-2 bd-highlight">I'm an inline flexbox container!</div>
```

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

- `.d-flex`
- `.d-inline-flex`
- `.d-sm-flex`
- `.d-sm-inline-flex`
- `.d-md-flex`
- `.d-md-inline-flex`
- `.d-lg-flex`
- `.d-lg-inline-flex`
- `.d-xl-flex`
- `.d-xl-inline-flex`
- `.d-xxl-flex`
- `.d-xxl-inline-flex`

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.

Flex item 1	Flex item 2	Flex item 3			
			Flex item 3	Flex item 2	Flex item 1

```
<div class="d-flex flex-row bd-highlight mb-3">
  <div class="p-2 bd-highlight">Flex item 1</div>
  <div class="p-2 bd-highlight">Flex item 2</div>
  <div class="p-2 bd-highlight">Flex item 3</div>
</div>
<div class="d-flex flex-row-reverse bd-highlight">
  <div class="p-2 bd-highlight">Flex item 1</div>
  <div class="p-2 bd-highlight">Flex item 2</div>
  <div class="p-2 bd-highlight">Flex item 3</div>
</div>
```

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

Flex item 1

Flex item 2

Flex item 3

Flex item 3

Flex item 2

Flex item 1

```
<div class="d-flex flex-column bd-highlight mb-3">
  <div class="p-2 bd-highlight">Flex item 1</div>
  <div class="p-2 bd-highlight">Flex item 2</div>
  <div class="p-2 bd-highlight">Flex item 3</div>
</div>
<div class="d-flex flex-column-reverse bd-highlight">
```

```
    <div class="p-2 bd-highlight">Flex item 1</div>
    <div class="p-2 bd-highlight">Flex item 2</div>
    <div class="p-2 bd-highlight">Flex item 3</div>
  </div>
```
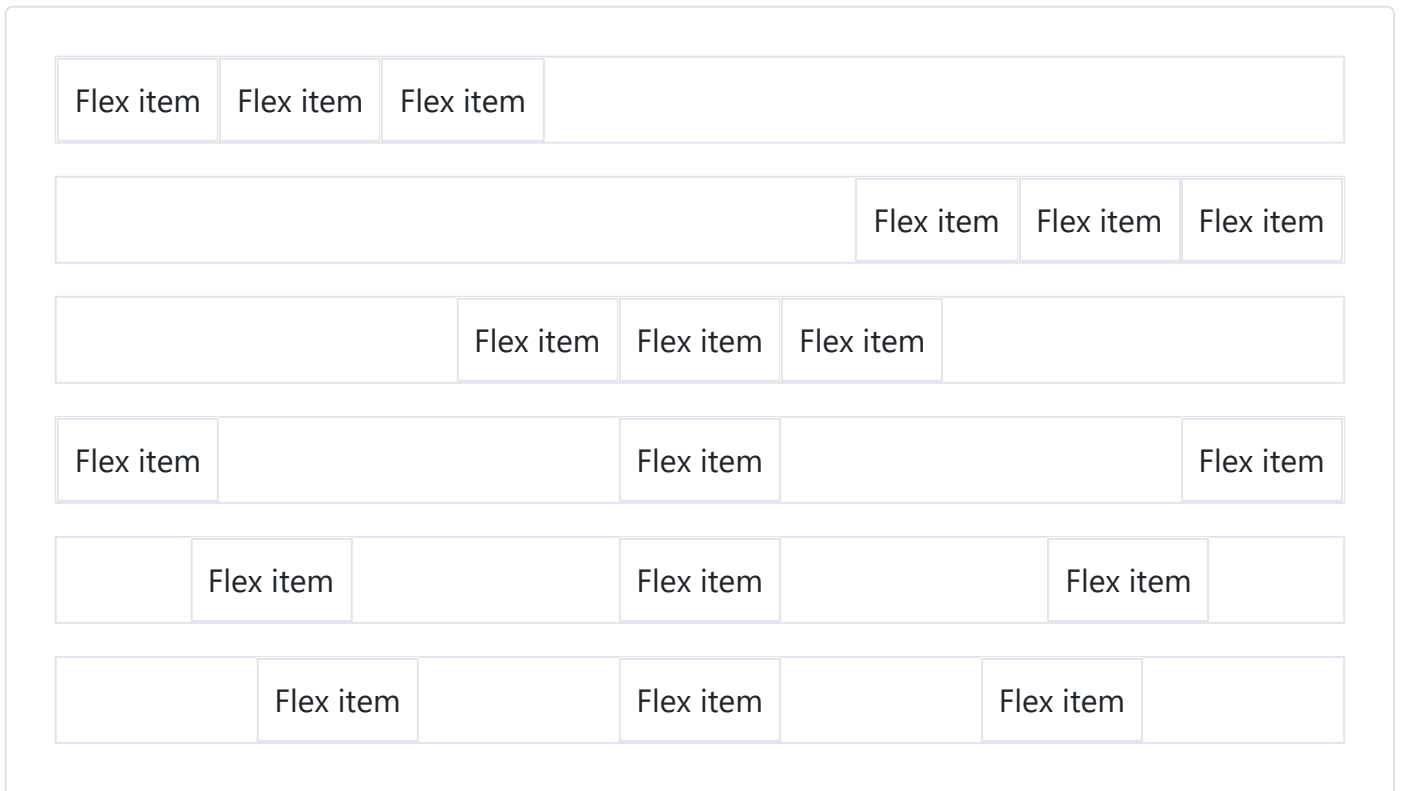
Responsive variations also exist for `flex-direction`.

- `.flex-row`
- `.flex-row-reverse`
- `.flex-column`
- `.flex-column-reverse`
- `.flex-sm-row`
- `.flex-sm-row-reverse`
- `.flex-sm-column`
- `.flex-sm-column-reverse`
- `.flex-md-row`
- `.flex-md-row-reverse`
- `.flex-md-column`
- `.flex-md-column-reverse`
- `.flex-lg-row`
- `.flex-lg-row-reverse`
- `.flex-lg-column`
- `.flex-lg-column-reverse`
- `.flex-xl-row`
- `.flex-xl-row-reverse`
- `.flex-xl-column`
- `.flex-xl-column-reverse`
- `.flex-xxl-row`
- `.flex-xxl-row-reverse`
- `.flex-xxl-column`
- `.flex-xxl-column-reverse`

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`.

Flex item | Flex item | Flex item

Flex item | Flex item | Flex item

Flex item | Flex item | Flex item

Flex item | Flex item | Flex item

Flex item | Flex item | Flex item

Flex item | Flex item | Flex item

```
<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`.

- `.justify-content-start`
- `.justify-content-end`
- `.justify-content-center`
- `.justify-content-between`
- `.justify-content-around`
- `.justify-content-evenly`
- `.justify-content-sm-start`
- `.justify-content-sm-end`
- `.justify-content-sm-center`
- `.justify-content-sm-between`
- `.justify-content-sm-around`
- `.justify-content-sm-evenly`
- `.justify-content-md-start`
- `.justify-content-md-end`
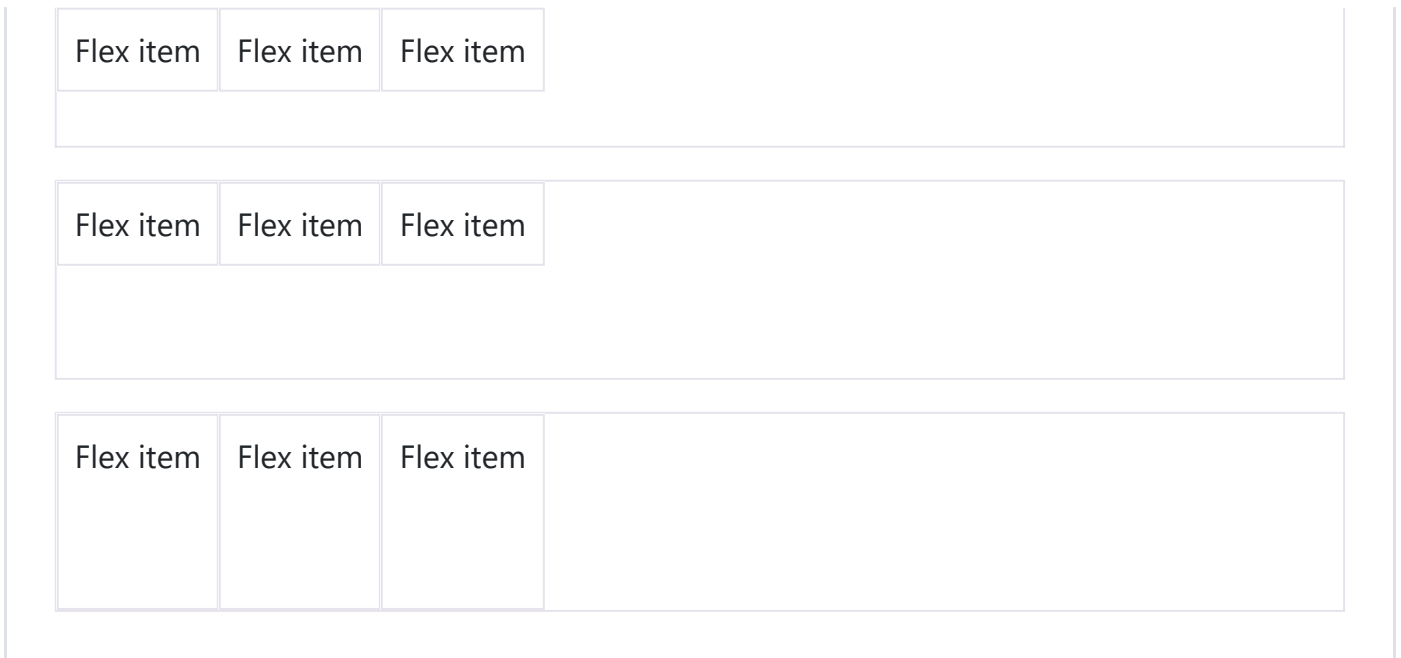- `.justify-content-md-center`

- `.justify-content-md-between`
- `.justify-content-md-around`
- `.justify-content-md-evenly`
- `.justify-content-lg-start`
- `.justify-content-lg-end`
- `.justify-content-lg-center`
- `.justify-content-lg-between`
- `.justify-content-lg-around`
- `.justify-content-lg-evenly`
- `.justify-content-xl-start`
- `.justify-content-xl-end`
- `.justify-content-xl-center`
- `.justify-content-xl-between`
- `.justify-content-xl-around`
- `.justify-content-xl-evenly`
- `.justify-content-xxl-start`
- `.justify-content-xxl-end`
- `.justify-content-xxl-center`
- `.justify-content-xxl-between`
- `.justify-content-xxl-around`
- `.justify-content-xxl-evenly`

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).

Flex item | Flex item | Flex item

Flex item | Flex item | Flex item

Flex item	Flex item	Flex item	

Flex item	Flex item	Flex item	

Flex item	Flex item	Flex item	

```html
<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`.

- `.align-items-start`
- `.align-items-end`
- `.align-items-center`
- `.align-items-baseline`
- `.align-items-stretch`
- `.align-items-sm-start`
- `.align-items-sm-end`
- `.align-items-sm-center`
- `.align-items-sm-baseline`
- `.align-items-sm-stretch`
- `.align-items-md-start`
- `.align-items-md-end`
- `.align-items-md-center`
- `.align-items-md-baseline`
- `.align-items-md-stretch`
- `.align-items-lg-start`
- `.align-items-lg-end`
- `.align-items-lg-center`

- `.align-items-lg-baseline`
- `.align-items-lg-stretch`
- `.align-items-xl-start`
- `.align-items-xl-end`
- `.align-items-xl-center`
- `.align-items-xl-baseline`
- `.align-items-xl-stretch`
- `.align-items-xxl-start`
- `.align-items-xxl-end`
- `.align-items-xxl-center`
- `.align-items-xxl-baseline`
- `.align-items-xxl-stretch`

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).

Flex item	Aligned flex item	Flex item

Flex item		Flex item
	Aligned flex item	

Flex item		Flex item
	Aligned flex item	

Flex item	Aligned flex item	Flex item

Flex item	Aligned flex item	Flex item

```
<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`.

- `.align-self-start`
- `.align-self-end`
- `.align-self-center`
- `.align-self-baseline`
- `.align-self-stretch`
- `.align-self-sm-start`
- `.align-self-sm-end`
- `.align-self-sm-center`
- `.align-self-sm-baseline`
- `.align-self-sm-stretch`
- `.align-self-md-start`
- `.align-self-md-end`
- `.align-self-md-center`
- `.align-self-md-baseline`
- `.align-self-md-stretch`
- `.align-self-lg-start`
- `.align-self-lg-end`
- `.align-self-lg-center`
- `.align-self-lg-baseline`
- `.align-self-lg-stretch`
- `.align-self-xl-start`
- `.align-self-xl-end`
- `.align-self-xl-center`
- `.align-self-xl-baseline`
- `.align-self-xl-stretch`
- `.align-self-xxl-start`
- `.align-self-xxl-end`
```

- `.align-self-xxl-center`
- `.align-self-xxl-baseline`
- `.align-self-xxl-stretch`

# 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.

| Flex item with a lot of content | Flex item | Flex item |
| --- | --- | --- |

```html
<div class="d-flex bd-highlight">
  <div class="p-2 flex-fill bd-highlight">Flex item with a lot of content</div>
  <div class="p-2 flex-fill bd-highlight">Flex item</div>
  <div class="p-2 flex-fill bd-highlight">Flex item</div>
</div>
```

Responsive variations also exist for `flex-fill`.

- `.flex-fill`
- `.flex-sm-fill`
- `.flex-md-fill`
- `.flex-lg-fill`
- `.flex-xl-fill`
- `.flex-xxl-fill`

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.

Flex item	Flex item	Third flex item

```
<div class="d-flex bd-highlight">
  <div class="p-2 flex-grow-1 bd-highlight">Flex item</div>
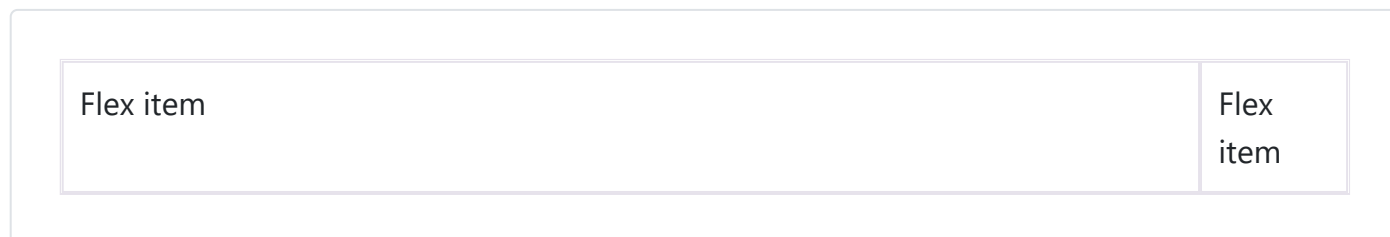  <div class="p-2 bd-highlight">Flex item</div>
  <div class="p-2 bd-highlight">Third flex item</div>
</div>
```

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`.

Flex item	Flex item

```
<div class="d-flex bd-highlight">
  <div class="p-2 w-100 bd-highlight">Flex item</div>
  <div class="p-2 flex-shrink-1 bd-highlight">Flex item</div>
</div>
```

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

- `.flex-{grow|shrink}-0`
- `.flex-{grow|shrink}-1`
- `.flex-sm-{grow|shrink}-0`
- `.flex-sm-{grow|shrink}-1`
- `.flex-md-{grow|shrink}-0`
- `.flex-md-{grow|shrink}-1`
- `.flex-lg-{grow|shrink}-0`
- `.flex-lg-{grow|shrink}-1`
- `.flex-xl-{grow|shrink}-0`
- `.flex-xl-{grow|shrink}-1`
- `.flex-xxl-{grow|shrink}-0`
- `.flex-xxl-{grow|shrink}-1`

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`).

Flex item	Flex item	Flex item			

Flex item				Flex item	Flex item

Flex item	Flex item				Flex item

```html
<div class="d-flex bd-highlight mb-3">
  <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>

<div class="d-flex bd-highlight mb-3">
  <div class="me-auto 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>

<div class="d-flex bd-highlight mb-3">
  <div class="p-2 bd-highlight">Flex item</div>
  <div class="p-2 bd-highlight">Flex item</div>
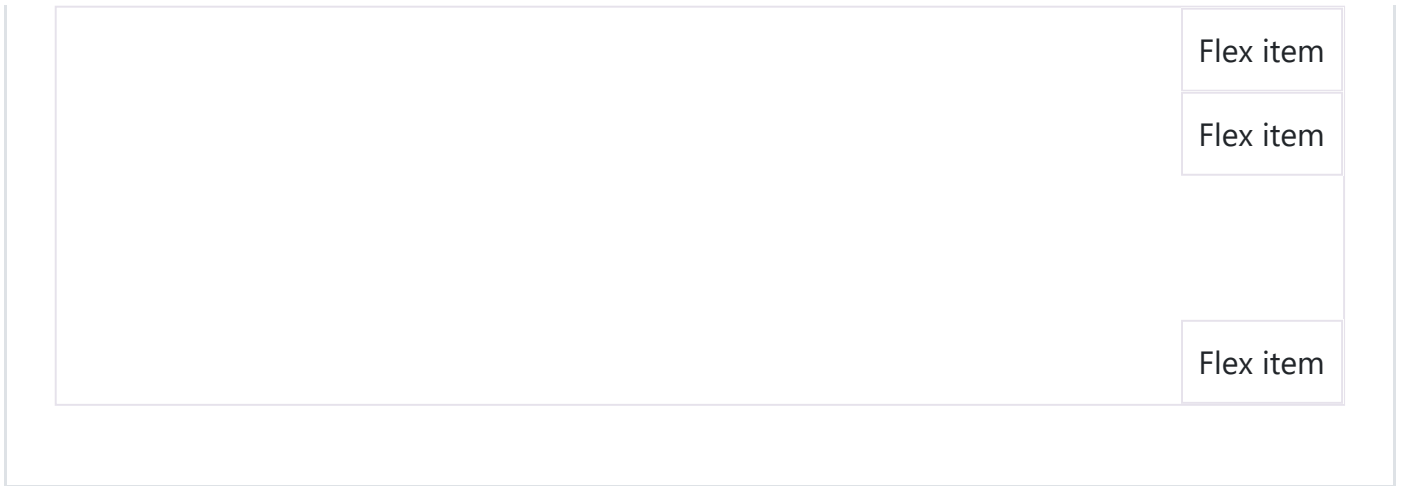  <div class="ms-auto p-2 bd-highlight">Flex item</div>
</div>
```

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`.

Flex item

| Flex item |
| Flex item |

Flex item

Flex item

Flex item

```html
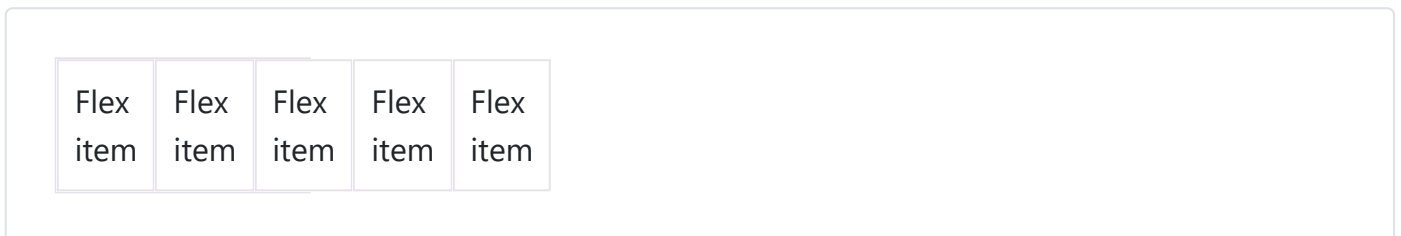<div class="d-flex align-items-start flex-column bd-highlight mb-3" style="height: 2
  <div class="mb-auto p-2 bd-highlight">Flex item</div>
  <div class="p-2 bd-highlight">Flex item</div>
  <div class="p-2 bd-highlight">Flex item</div>
</div>

<div class="d-flex align-items-end flex-column bd-highlight mb-3" style="height: 200
  <div class="p-2 bd-highlight">Flex item</div>
  <div class="p-2 bd-highlight">Flex item</div>
  <div class="mt-auto p-2 bd-highlight">Flex item</div>
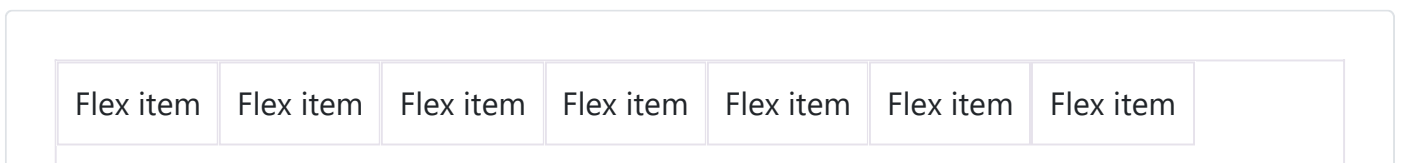</div>
```

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`.

Flex item   Flex item   Flex item   Flex item   Flex item

```html
<div class="d-flex flex-nowrap">
  ...
</div>
```

Flex item   Flex item   Flex item   Flex item   Flex item   Flex item   Flex item

Flex item	Flex item	Flex item	Flex item	Flex item	Flex item	Flex item
Flex item						

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

Flex item						
Flex item	Flex item	Flex item	Flex item	Flex item	Flex item	Flex item
Flex item	Flex item	Flex item	Flex item	Flex item	Flex item	Flex item

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

Responsive variations also exist for `flex-wrap`.

- `.flex-nowrap`
- `.flex-wrap`
- `.flex-wrap-reverse`
- `.flex-sm-nowrap`
- `.flex-sm-wrap`
- `.flex-sm-wrap-reverse`
- `.flex-md-nowrap`
- `.flex-md-wrap`
- `.flex-md-wrap-reverse`
- `.flex-lg-nowrap`
- `.flex-lg-wrap`
- `.flex-lg-wrap-reverse`
- `.flex-xl-nowrap`
- `.flex-xl-wrap`
- `.flex-xl-wrap-reverse`
- `.flex-xxl-nowrap`

- `.flex-xxl-wrap`
- `.flex-xxl-wrap-reverse`

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.

Third flex item	Second flex item	First flex item	

```
<div class="d-flex flex-nowrap bd-highlight">
  <div class="order-3 p-2 bd-highlight">First flex item</div>
  <div class="order-2 p-2 bd-highlight">Second flex item</div>
  <div class="order-1 p-2 bd-highlight">Third flex item</div>
</div>
```

Responsive variations also exist for `order`.

- `.order-0`
- `.order-1`
- `.order-2`
- `.order-3`
- `.order-4`
- `.order-5`
- `.order-sm-0`
- `.order-sm-1`
- `.order-sm-2`
- `.order-sm-3`
- `.order-sm-4`
- `.order-sm-5`
- `.order-md-0`
- `.order-md-1`
- `.order-md-2`
- `.order-md-3`
- `.order-md-4`
- `.order-md-5`

- `.order-lg-0`
- `.order-lg-1`
- `.order-lg-2`
- `.order-lg-3`
- `.order-lg-4`
- `.order-lg-5`
- `.order-xl-0`
- `.order-xl-1`
- `.order-xl-2`
- `.order-xl-3`
- `.order-xl-4`
- `.order-xl-5`
- `.order-xxl-0`
- `.order-xxl-1`
- `.order-xxl-2`
- `.order-xxl-3`
- `.order-xxl-4`
- `.order-xxl-5`

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.

- `.order-first`
- `.order-last`
- `.order-sm-first`
- `.order-sm-last`
- `.order-md-first`
- `.order-md-last`
- `.order-lg-first`
- `.order-lg-last`
- `.order-xl-first`
- `.order-xl-last`
- `.order-xxl-first`
- `.order-xxl-last`

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.

Flex item	Flex item	Flex item	Flex item	Flex item	Flex item	Flex item
Flex item	Flex item	Flex item	Flex item	Flex item	Flex item	Flex item
Flex item						

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

Flex item	Flex item	Flex item	Flex item	Flex item	Flex item	Flex item
Flex item	Flex item	Flex item	Flex item	Flex item	Flex item	Flex item
Flex item						

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

Flex item	Flex item	Flex item	Flex item	Flex item	Flex item	Flex item
Flex item	Flex item	Flex item	Flex item	Flex item	Flex item	Flex item

Flex item						

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

Flex item	Flex item	Flex item	Flex item	Flex item	Flex item	Flex item
Flex item	Flex item	Flex item	Flex item	Flex item	Flex item	Flex item
Flex item						

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

Flex item	Flex item	Flex item	Flex item	Flex item	Flex item	Flex item
Flex item	Flex item	Flex item	Flex item	Flex item	Flex item	Flex item
Flex item						

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

Flex item	Flex item	Flex item	Flex item	Flex item	Flex item	Flex item
Flex item	Flex item	Flex item	Flex item	Flex item	Flex item	Flex item

<table>
<tr><td>Flex item</td><td></td></tr>
</table>

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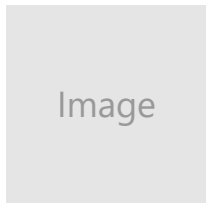<div class="d-flex align-content-stretch flex-wrap">...</div>
```

Responsive variations also exist for `align-content`.

- `.align-content-start`
- `.align-content-end`
- `.align-content-center`
- `.align-content-around`
- `.align-content-stretch`
- `.align-content-sm-start`
- `.align-content-sm-end`
- `.align-content-sm-center`
- `.align-content-sm-around`
- `.align-content-sm-stretch`
- `.align-content-md-start`
- `.align-content-md-end`
- `.align-content-md-center`
- `.align-content-md-around`
- `.align-content-md-stretch`
- `.align-content-lg-start`
- `.align-content-lg-end`
- `.align-content-lg-center`
- `.align-content-lg-around`
- `.align-content-lg-stretch`
- `.align-content-xl-start`
- `.align-content-xl-end`
- `.align-content-xl-center`
- `.align-content-xl-around`
- `.align-content-xl-stretch`
- `.align-content-xxl-start`
- `.align-content-xxl-end`
- `.align-content-xxl-center`

- `.align-content-xxl-around`
- `.align-content-xxl-stretch`

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.


```
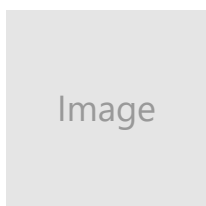<div class="d-flex">
  <div class="flex-shrink-0">
    <img src="..." alt="...">
  </div>
  <div class="flex-grow-1 ms-3">
    This is some content from a media component. You can replace this with any conte
  </div>
</div>
```

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


```
<div class="d-flex align-items-center">
  <div class="flex-shrink-0">
    <img src="..." alt="...">
  </div>
  <div class="flex-grow-1 ms-3">
    This is some content from a media component. You can replace this with any conte
  </div>
</div>
```

Sass

Utilities API

Flexbox utilities are declared in our utilities API in `scss/_utilities.scss`. [Learn how to use the utilities API.](#)

```scss
"flex": (
  responsive: true,
  property: flex,
  values: (fill: 1 1 auto)
),
"flex-direction": (
  responsive: true,
  property: flex-direction,
  class: flex,
  values: row column row-reverse column-reverse
),
"flex-grow": (
  responsive: true,
  property: flex-grow,
  class: flex,
  values: (
    grow-0: 0,
    grow-1: 1,
  )
),
"flex-shrink": (
  responsive: true,
  property: flex-shrink,
  class: flex,
  values: (
    shrink-0: 0,
    shrink-1: 1,
  )
),
"flex-wrap": (
  responsive: true,
  property: flex-wrap,
  class: flex,
  values: wrap nowrap wrap-reverse
),
"gap": (
  responsive: true,
  property: gap,
  class: gap,
  values: $spacers
```

```scss
  ),
  "justify-content": (
    responsive: true,
    property: justify-content,
    values: (
      start: flex-start,
      end: flex-end,
      center: center,
      between: space-between,
      around: space-around,
      evenly: space-evenly,
    )
  ),
  "align-items": (
    responsive: true,
    property: align-items,
    values: (
      start: flex-start,
      end: flex-end,
      center: center,
      baseline: baseline,
      stretch: stretch,
    )
  ),
  "align-content": (
    responsive: true,
    property: align-content,
    values: (
      start: flex-start,
      end: flex-end,
      center: center,
      between: space-between,
      around: space-around,
      stretch: stretch,
    )
  ),
  "align-self": (
    responsive: true,
    property: align-self,
    values: (
      auto: auto,
      start: flex-start,
      end: flex-end,
      center: center,
      baseline: baseline,
      stretch: stretch,
    )
  ),
  "order": (
```

```
    responsive: true,
    property: order,
    values: (
      first: -1,
      0: 0,
      1: 1,
      2: 2,
      3: 3,
      4: 4,
      5: 5,
      last: 6,
    ),
  ),
),
```

B Bootstrap

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.

Analytics by Fathom.

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