

Position

Use these shorthand utilities for quickly configuring the position of an element.



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ads via Carbon

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Position values

Quick positioning classes are available, though they are not responsive.

```
<div class="position-static">...</div>
<div class="position-relative">...</div>
<div class="position-absolute">...</div>
<div class="position-fixed">...</div>
<div class="position-sticky">...</div></div>
```

Arrange elements

Arrange elements easily with the edge positioning utilities. The format is {property}-{position}.

Where property is one of:

- top for the vertical top position
- start for the horizontal left position (in LTR)
- bottom for the vertical bottom position
- end for the horizontal right position (in LTR)

Where *position* is one of:

- 0 for 0 edge position
- 50 for 50% edge position
- 100 for 100% edge position

(You can add more position values by adding entries to the \$position-values Sass map variable.)

```
<div class="position-relative">
    <div class="position-absolute top-0 start-0"></div>
    <div class="position-absolute top-0 end-0"></div>
    <div class="position-absolute top-50 start-50"></div>
    <div class="position-absolute bottom-50 end-50"></div>
    <div class="position-absolute bottom-0 start-0"></div>
    <div class="position-absolute bottom-0 end-0"></div>
    <div class="position-absolute bottom-0 end-0"></div>
    </div></div>
```

Center elements

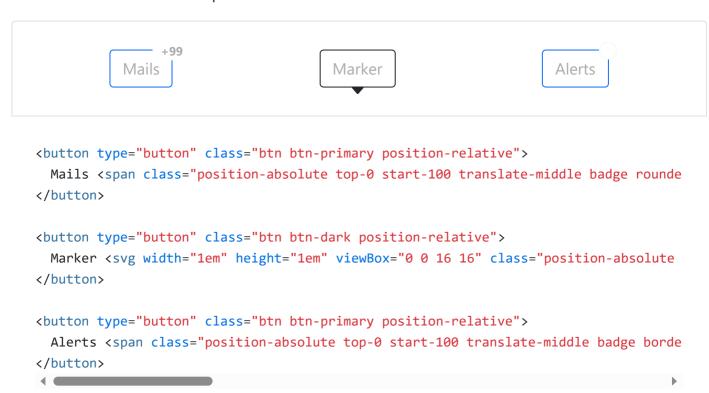
In addition, you can also center the elements with the transform utility class .translate-middle. This class applies the transformations translateX(-50%) and translateY(-50%) to the element which, in combination with the edge positioning utilities, allows you to absolute center an element. <div class="position-relative"> <div class="position-absolute top-0 start-0 translate-middle"></div> <div class="position-absolute top-0 start-50 translate-middle"></div> <div class="position-absolute top-0 start-100 translate-middle"></div> <div class="position-absolute top-50 start-0 translate-middle"></div> <div class="position-absolute top-50 start-50 translate-middle"></div> <div class="position-absolute top-50 start-100 translate-middle"></div>

By adding .translate-middle-x or .translate-middle-y classes, elements can be positioned only in horizontal or vertical direction.

```
<div class="position-relative">
    <div class="position-absolute top-0 start-0"></div>
    <div class="position-absolute top-0 start-50 translate-middle-x"></div>
    <div class="position-absolute top-0 end-0"></div>
    <div class="position-absolute top-50 start-0 translate-middle-y"></div>
    <div class="position-absolute top-50 start-50 translate-middle"></div>
    <div class="position-absolute top-50 end-0 translate-middle-y"></div>
    <div class="position-absolute top-50 end-0 translate-middle-y"></div>
    <div class="position-absolute bottom-0 start-0"></div>
    <div class="position-absolute bottom-0 start-50 translate-middle-x"></div>
    <div class="position-absolute bottom-0 end-0"></div>
</div>
</div>
```

Examples

Here are some real life examples of these classes:



You can use these classes with existing components to create new ones. Remember that you can extend its functionality by adding entries to the \$position-values variable.

```
<div class="position-relative m-4">
    <div class="progress" style="height: 1px;">
        <div class="progress-bar" role="progressbar" style="width: 50%;" aria-valuenow="
        </div>
        <button type="button" class="position-absolute top-0 start-0 translate-middle btn
        <button type="button" class="position-absolute top-0 start-50 translate-middle btn
        <button type="button" class="position-absolute top-0 start-100 translate-middle bt
        </div>
```

Sass

Maps

Default position utility values are declared in a Sass map, then used to generate our utilities.

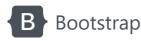
```
$position-values: (
   0: 0,
   50: 50%,
   100: 100%
);
```

Utilities API

Position utilities are declared in our utilities API in scss/_utilities.scss. <u>Learn how to use the utilities API.</u>

```
"position": (
   property: position,
   values: static relative absolute fixed sticky
),
"top": (
   property: top,
   values: $position-values
),
"bottom": (
   property: bottom,
   values: $position-values
),
"start": (
   property: left,
```

```
class: start,
  values: $position-values
),
"end": (
  property: right,
  class: end,
  values: $position-values
),
"translate-middle": (
 property: transform,
  class: translate-middle,
  values: (
    null: translate(-50%, -50%),
   x: translateX(-50%),
   y: translateY(-50%),
  )
),
```



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Currently v5.0.2.

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