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# Position

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

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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>
```

# 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>
```

# 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>
  <div class="position-absolute top-100 start-0 translate-middle"></div>
  <div class="position-absolute top-100 start-50 translate-middle"></div>
  <div class="position-absolute top-100 start-100 translate-middle"></div>
</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 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>
```

## Examples

Here are some real life examples of these classes:

```
<button type="button" class="btn btn-primary position-relative">
  Mails <span class="position-absolute top-0 start-100 translate-middle badge rounde
</button>

<button type="button" class="btn btn-dark position-relative">
  Marker <svg width="1em" height="1em" viewBox="0 0 16 16" class="position-absolute
</button>

<button type="button" class="btn btn-primary position-relative">
  Alerts <span class="position-absolute top-0 start-100 translate-middle badge borde
</button>
```

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`. Learn how to use the utilities API.

```
    "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%),
  )
),
```

Bootstrap

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