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v5.0 ▾

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Gutters

Gutters are the padding between your columns, used to responsively space and align content in the Bootstrap grid system.



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How they work

- **Gutters are the gaps between column content, created by horizontal padding.** We set `padding-right` and `padding-left` on each column, and use negative `margin` to offset that at the start and end of each row to align content.
- **Gutters start at 1.5rem (24px) wide.** This allows us to match our grid to the [padding and margin spacers](#) scale.
- **Gutters can be responsively adjusted.** Use breakpoint-specific gutter classes to modify horizontal gutters, vertical gutters, and all gutters.

Horizontal gutters

`.gx-*` classes can be used to control the horizontal gutter widths. The `.container` or `.container-fluid` parent may need to be adjusted if larger gutters are used too to avoid unwanted overflow, using a matching padding utility. For example, in the following example we've increased the padding with `.px-4`:



```
<div class="container px-4">
  <div class="row gx-5">
    <div class="col">
      <div class="p-3 border bg-light">Custom column padding</div>
    </div>
    <div class="col">
      <div class="p-3 border bg-light">Custom column padding</div>
    </div>
  </div>
</div>
```

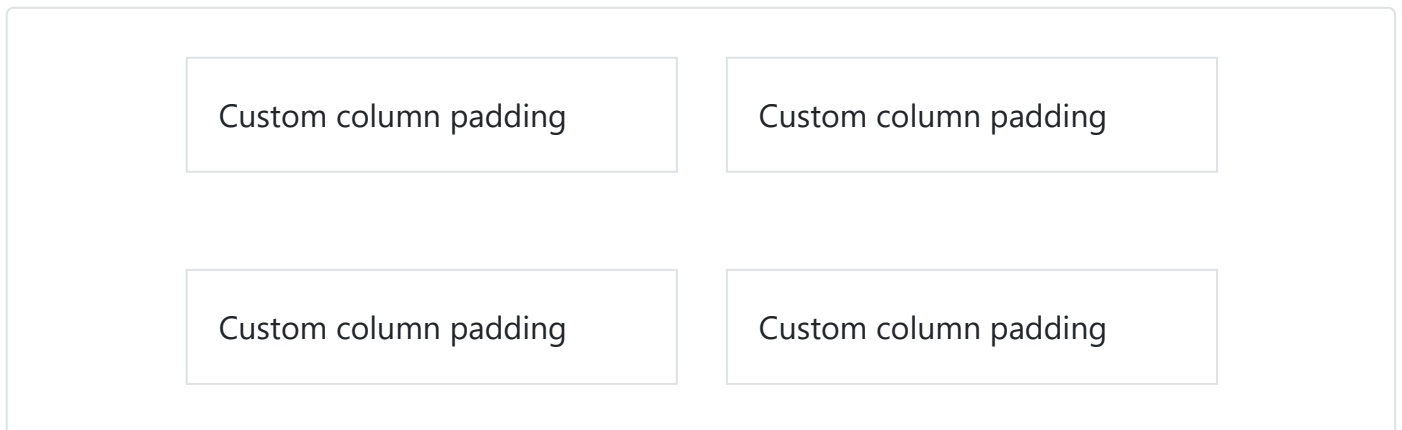
An alternative solution is to add a wrapper around the `.row` with the `.overflow-hidden` class:



```
<div class="container overflow-hidden">
  <div class="row gx-5">
    <div class="col">
      <div class="p-3 border bg-light">Custom column padding</div>
    </div>
    <div class="col">
      <div class="p-3 border bg-light">Custom column padding</div>
    </div>
  </div>
</div>
```

Vertical gutters

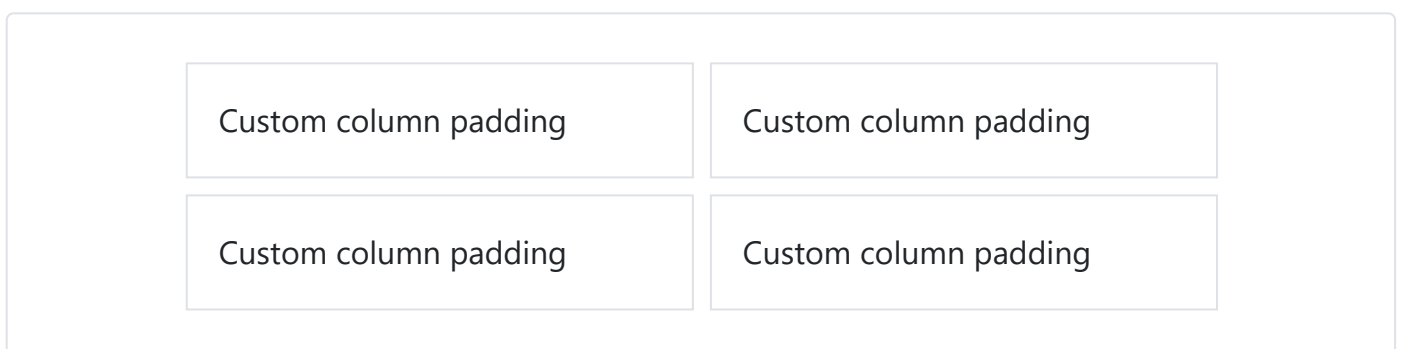
`.gy-*` classes can be used to control the vertical gutter widths. Like the horizontal gutters, the vertical gutters can cause some overflow below the `.row` at the end of a page. If this occurs, you add a wrapper around `.row` with the `.overflow-hidden` class:



```
<div class="container overflow-hidden">
  <div class="row gy-5">
    <div class="col-6">
      <div class="p-3 border bg-light">Custom column padding</div>
    </div>
    <div class="col-6">
      <div class="p-3 border bg-light">Custom column padding</div>
    </div>
    <div class="col-6">
      <div class="p-3 border bg-light">Custom column padding</div>
    </div>
    <div class="col-6">
      <div class="p-3 border bg-light">Custom column padding</div>
    </div>
  </div>
</div>
```

Horizontal & vertical gutters

`.g-*` classes can be used to control the horizontal gutter widths, for the following example we use a smaller gutter width, so there won't be a need to add the `.overflow-hidden` wrapper class.



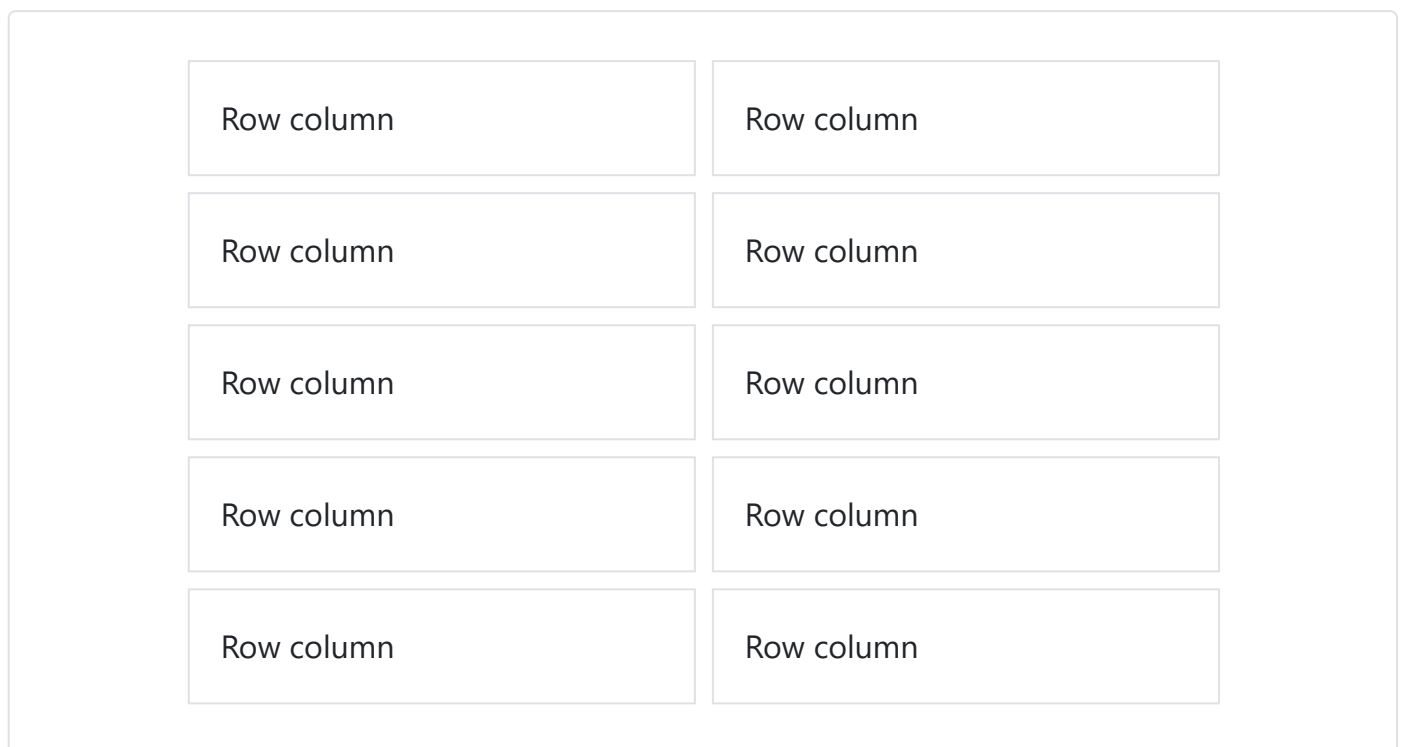
```

<div class="container">
  <div class="row g-2">
    <div class="col-6">
      <div class="p-3 border bg-light">Custom column padding</div>
    </div>
    <div class="col-6">
      <div class="p-3 border bg-light">Custom column padding</div>
    </div>
    <div class="col-6">
      <div class="p-3 border bg-light">Custom column padding</div>
    </div>
    <div class="col-6">
      <div class="p-3 border bg-light">Custom column padding</div>
    </div>
  </div>
</div>

```

Row columns gutters

Gutter classes can also be added to [row columns](#). In the following example, we use responsive row columns and responsive gutter classes.



```

<div class="container">
  <div class="row row-cols-2 row-cols-lg-5 g-2 g-lg-3">
    <div class="col">
      <div class="p-3 border bg-light">Row column</div>
    </div>
  </div>

```

```

<div class="col">
  <div class="p-3 border bg-light">Row column</div>
</div>
<div class="col">
  <div class="p-3 border bg-light">Row column</div>
</div>
<div class="col">
  <div class="p-3 border bg-light">Row column</div>
</div>
<div class="col">
  <div class="p-3 border bg-light">Row column</div>
</div>
<div class="col">
  <div class="p-3 border bg-light">Row column</div>
</div>
<div class="col">
  <div class="p-3 border bg-light">Row column</div>
</div>
<div class="col">
  <div class="p-3 border bg-light">Row column</div>
</div>
<div class="col">
  <div class="p-3 border bg-light">Row column</div>
</div>
<div class="col">
  <div class="p-3 border bg-light">Row column</div>
</div>
<div class="col">
  <div class="p-3 border bg-light">Row column</div>
</div>
</div>
</div>

```

No gutters

The gutters between columns in our predefined grid classes can be removed with `.g-0`. This removes the negative `margins` from `.row` and the horizontal `padding` from all immediate children columns.

Need an edge-to-edge design? Drop the parent `.container` or `.container-fluid`.

In practice, here's how it looks. Note you can continue to use this with all other predefined grid classes (including column widths, responsive tiers, reorders, and more).

```
.col-sm-6 .col-md-8
```

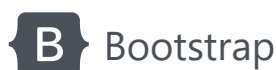
```
.col-6 .col-md-4
```

```
<div class="row g-0">
  <div class="col-sm-6 col-md-8">.col-sm-6 .col-md-8</div>
  <div class="col-6 col-md-4">.col-6 .col-md-4</div>
</div>
```

Change the gutters

Classes are built from the `$gutters` Sass map which is inherited from the `$spacers` Sass map.

```
$grid-gutter-width: 1.5rem;
$gutters: (
  0: 0,
  1: $spacer * .25,
  2: $spacer * .5,
  3: $spacer,
  4: $spacer * 1.5,
  5: $spacer * 3,
);
```



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Currently v5.0.2.

Analytics by Fathom.

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