

> Helpers



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Change the gutters

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### How they work

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- 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

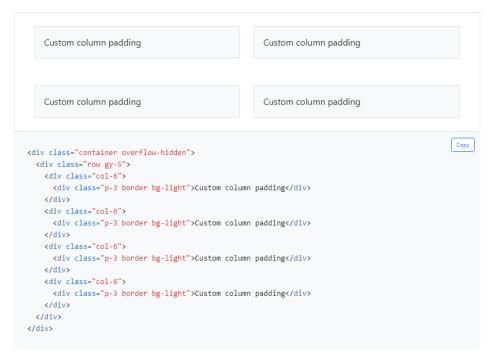
.gx-\* classes can be used to control the horizontal gutter widths. The .container or .container-fluid parent may need to be adjusted if larger gutters are used too to avoid unwanted overflow, using a matching padding utility. For example, in the following example we've increased the padding with .px-4:



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



.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:



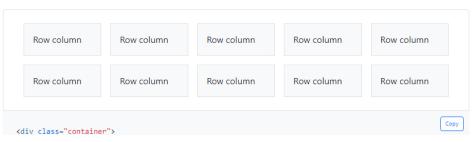
## Horizontal & vertical gutters

.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.



### Row columns gutters

Gutter classes can also be added to <u>row columns</u>. In the following example, we use responsive row columns and responsive gutter classes.



```
<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 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).

# 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.

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