Sass Flexbox Grid

A responsive grid system based on Flexbox Grid and the flex property, re-written in Sass, edited and expanded upon.

Visibility classes, Additional 'XL' breakpoint, Sass variables and mixins, Customizable grid

Responsive and Fluid

Responsive modifiers let you define column sizes, offsets, alignment and distribution at xs, sm, md & lg viewport widths. Use the row class to define an outer row of columns and then place columns inside of rows. See all classes

```
<div class="row">
  <div class="col-xs-12 col-sm-8 col-md-6 col-lg-4"></div>
</div>
```

Offsets

Offset a column.

```
<div class="row">
  <div class="col-xs-offset-3 col-xs-9"></div>
</div>
```

Auto Width

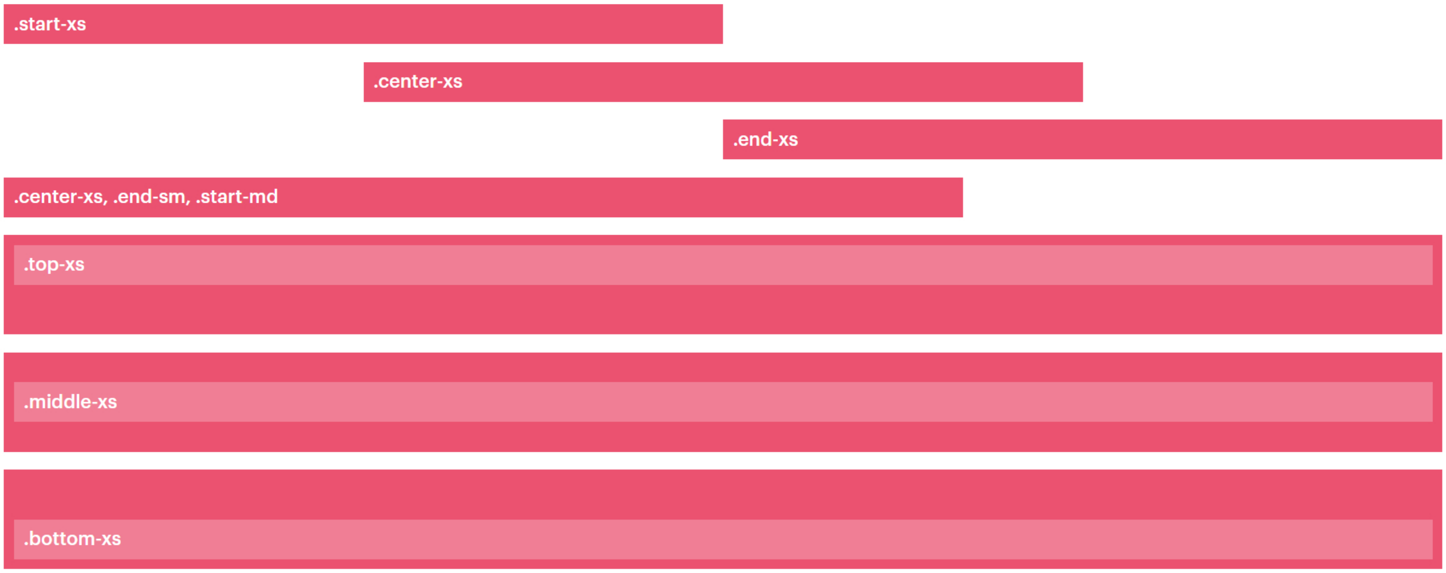
Add any number of auto sizing columns to a row. Let the grid figure it out.

```
<div class="row">
  <div class="col"></div>
  <div class="col"></div>
</div>
```

Alignment

Add classes to align elements to the start or end of a row as well as the top, bottom, or center of a column. See all classes

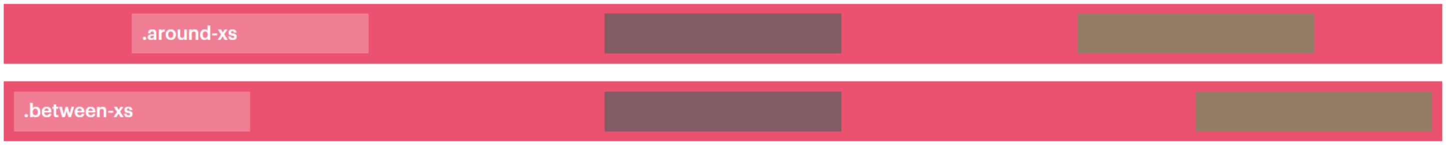
```
<div class="row start-xs">
  <div class="col-xs-6">content</div>
</div>
```



Distribution

Add classes to distribute the contents of a row or column.

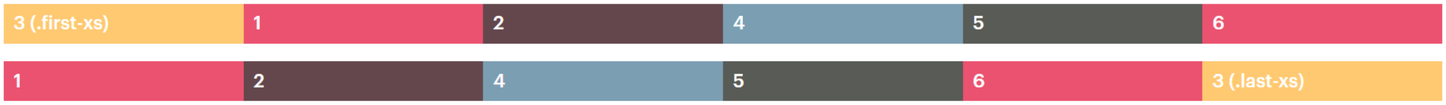
```
<div class="row around-xs">
  <div class="col-xs-2"></div>
  <div class="col-xs-2"></div>
  <div class="col-xs-2"></div>
  <div class="col-xs-2"></div>
</div>
```



Reordering

Add classes to reorder columns.

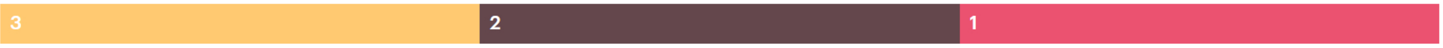
```
<div class="row">
  <div class="col-xs-2">1</div>
  <div class="col-xs-2">2</div>
  <div class="col-xs-2 first-xs">3</div>
  ...
</div>
```



Reversing

Add a class to reverse columns or column content.

```
<div class="row reverse">
  <div class="col-xs">1</div>
  <div class="col-xs">2</div>
  <div class="col-xs">3</div>
</div>
```



Column Height Equalizer

By default, flexbox stretches each flex item to match the height of it's sibling. The .natural-height row utility class will make each column's height match it's content, giving the developer control of the behavior.

```
<div class="row">
  <div class="col">Content of varying height</div>
  <div class="col">Content of varying height</div>
```

```
</div>
```

They never said winning was easy.

Another one. It's on you how you want to live your life. Everyone has a choice. I pick my choice, squeaky clean. They don't want us to eat. The first of the month is coming, we have to get money, we have no choice. Some people can't handle success, I can.

The key to more success is to get a massage once a week, very important, major key, cloth talk.

Nested Grids

Nest grids inside grids inside grids.

```
<div class="row">
  <div class="col-xs">
    <div class="row">
      <div class="col-xs"></div>
    </div>
  </div>
</div>
```

Visibility

Visibility classes allow for responsive showing and hiding of content. See all classes

```
<div class="row">
  <div class="col hide-md"></div>
  <div class="col hide-xs show-md"></div>
  <div class="col"></div>
  <div class="col"></div>
  <div class="col"></div>
  <div class="col hide-sm-only"></div>
</div>
```

.hide-xs, .show-md

.hide-sm-only

Variables

Customizable Sass variables allow you to create a grid and responsive framework to meet your needs. You can easily change the number of columns in your grid from the default 12. Update your breakpoint ranges by adjusting these variables and all of the media queries, classes and mixins will update accordingly. See all variables

```
$grid-columns: 12; // Set number of columns in the grid
```

```
$xs-max: 40rem; // Set xs breakpoint's max width
$sm-max: 64rem; // Set sm breakpoint's max width
$md-max: 90rem; // Set md breakpoint's max width
$lg-max: 120rem; // Set lg breakpoint's max width

$gutter: 1rem; // Set gutter size

$content-well-max-width: "none"; // Set the max-width of the content well
```

Mixins

Mixins are available for every Sass Flexbox Grid set of delarations. See all mixins

```
.container {
  @include row();
  .box {
    @inlcude col(6);
    @inlcude col(md, 3);
  }
  .extras {
    @include hide(lg);
  }
}
```

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