

COMS W4170

Interaction Devices 5

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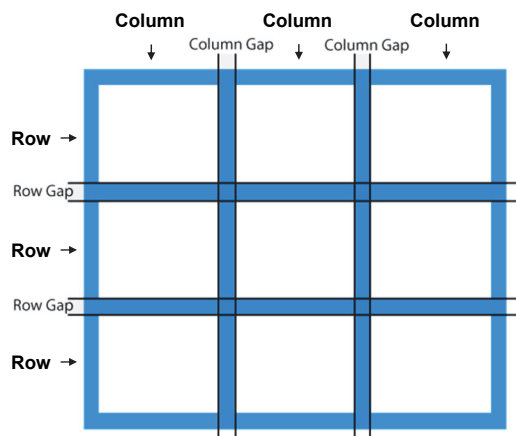
November 13, 2018

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Mozilla CSS grid inspector:
https://developer.mozilla.org/en-US/docs/Tools/Page_Inspector/How_to/Examine_grid_layouts

Grid (aka Design Grid)

- https://www.w3schools.com/css/css_grid.asp



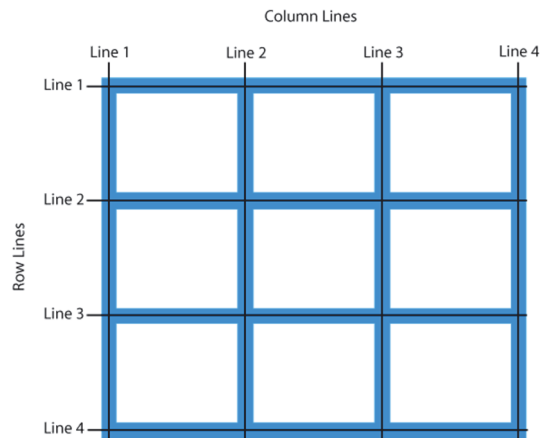
- container
- rows
- columns
- gaps
- numbers/
properties of
rows/columns

2

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- container
- rows
- columns
- gaps
- numbers/properties of rows/columns
- lines
- items

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Grid (aka Design Grid)

- <http://getbootstrap.com/docs/4.1/layout/grid/>
 - Implemented with CSS flexbox

Bootstrap grid examples
Basic grid layouts to get you familiar with building within the Bootstrap grid system.

Five grid tiers
There are five tiers to the Bootstrap grid system, one for each range of devices we support. Each tier starts at a minimum viewport size and automatically applies to the larger devices unless overridden.

.col-4	.col-4	.col-4
.col-sm-4	.col-sm-4	.col-sm-4
.col-md-4	.col-md-4	.col-md-4
.col-lg-4	.col-lg-4	.col-lg-4
.col-xl-4	.col-xl-4	.col-xl-4
.col-xl-4	.col-xl-4	.col-xl-4
.col-xl-4	.col-xl-4	.col-xl-4

<http://getbootstrap.com/docs/4.1/examples/grid/>

- Bootstrap uses rows of 12 equal columns
- Columns can be combined in a row to create < 12 columns of varying width
- Columns are separated by gutters
- **Responsive** = Layout can change in response to device width

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