foundation.zurb.com

Foundation Training

Getting Started and Prototyping

Getting Started

Custom Downloader
Mobile First
The Grid

Getting Started

Downloading Foundation

Download Foundation 5

Seriously, it's free. Just pick the right one for you.

Complete

Grab this version of Foundation if you want everything in the framework in simple, vanilla CSS and JS.

Download Everything

Essential

A simple, lighter version that includes typography, the grid, buttons, Reveal and Interchange.*

*59kb (okay, plus dependencies).

Download Essentials

Custom

Include or remove certain elements and define the size of columns, colors, font size and more.

Custom Download

Sass

Foundation is built using SCSS, and you can work with it in the same way. Check out the instructions on the Install documentation page.

Install via SCSS

Upgrading from Foundation 4?

There are some things you should know. Read the migration guide.
Used to Foundation 4 and want to keep on truckin'? No problem. Download it.
Still on Foundation 3? We got you covered. Download it.

Download Options

Default CSS

The simplest way to get started.

Includes all of the Foundation components and dependencies.

This also includes a sample index.html with some demo components in it.

Welcome to Foundation

We’re stoked you want to try Foundation!

To get going, this file (index.html) includes some basic styles you can modify, play around with, or totally destroy to get going.

Once you've exhausted the fun in this document, you should check out:

Foundation Documentation
Everything you need to know about using the framework.

Foundation on Github
Latest code, issue reports, feature requests and more.

@foundationzurb
Ping us on Twitter if you have questions. If you build something with this we'd love to see it (and send you a totally boss sticker).

Here’s your basic grid:

This is a twelve column section in a row. Each of these includes a div.panel element so you can see where the columns are - it's not required at all for the grid.

Six columns

Six columns

Four columns

Four columns

Four columns

Try one of these buttons:

Simple Button

Radius Button

Round Button

Success Btn

index.html

Feel free to nuke
the entire body of that file, but...

...keep the HEAD and CSS/JS.

index.html

Essential CSS

A stripped down version of Foundation that only includes typography, the grid, buttons, modals, and Interchange.

Great if you’re building a simple site or want to custom-build your UI components.

Sass Version

For advanced users who want total control of the framework.

Allows you to edit the colors, sizing, styles, etc. of every Foundation component.

Requires some command line-fu and knowledge of Sass.

Getting Started

Custom Downloader

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Customize Foundation

Pick and choose the features you want or have the whole enchilada.

Choose Your Components:

- [x] All Foundation Components

GRID:

- [x] Grid
- [x] Block Grid

NAVIGATION:

- [x] Pagination
- [x] Breadcrumbs
- [x] Side Nav
- [x] Sub Nav

BUTTONS:

- [x] Button Groups
- [x] Split Buttons

Set Your Defaults:

THE GRID

# of Columns: 12

Gutter: 1.875 em

Max-Width: 62.5 em

COLORS

Primary Color: # 2ba6cb

Secondary Color: # e9e9e9

Alert Color: # c60f13

Success Color: # 5da423

Body Font Color: # 222222

Header Font Color: # 222222

Custom Options

foundation.zurb.com/
download.php

Sizing in Foundation

Sizes in Foundation for both the grid and, well, everything else in in REM units.

1rem = 16px (the default body font size).

The default page max-width is 62.5rem or 1000px.

Sizing in REM units makes something very easy: resizing everything. Reduce your body font size, you reduce the overall page max-width, component sizes, etc.

Does make some things odd. Gutter defaults to 1.875rem (* 16px = 30px).

Getting Started
Custom Downloader

Mobile First

The Grid

What does Mobile First mean?

Mobile First

Takes the concept of responsive design and flips it on its head.

Media queries build up, not down.

Styles are applied as the screen gets larger, not smaller.

Browsers and devices that don’t support media queries will get the mobile view.

You need to **think** about your page from a mobile-first perspective.

“Progressive Enhancement”

Getting Started
Custom Downloader
Mobile First

The Grid

The Grid is kind of a big deal.

The Grid in a Nutshell

The Grid is used to build almost any layout in Foundation.

The Grid is the most obviously mobile-first component in the framework.

In plain CSS (for this course) there are basically 4 modes for the grid.

The Grid Without Media Queries

Basic Grid Example

```
<div class="row">

  <div class="column">
    <h5>Logo</h5>
  </div>

  <div class="column">
    <h5>Menu</h5>
  </div>

</div>
```

Basic Grid Example

```
<div class="row">

  <div class="column">
    <h5>Logo</h5>
  </div>

  <div class="column">
    <h5>Menu</h5>
  </div>

</div>
```

Rows and Columns

These two elements make up the entire Foundation Grid and are required for any valid Foundation layout*

Columns should always be inside Rows, and Rows should be inside either the <body> element, or inside a column.

Basic Grid Example

```
<div class="row">

  <div class="column">
    <h5>Logo</h5>
  </div>

  <div class="column">
    <h5>Menu</h5>
  </div>

</div>
```

grid-1.html

Small Grid Example

```
<div class="row">

  <div class="small-6 columns">
    <h5>Logo</h5>
  </div>

  <div class="small-6 column">
    <h5>Menu</h5>
  </div>

</div>
```

The 12-Column Grid

By default Foundation uses a 12-column grid.

This is easily divisible into thirds and quarters (4 out of 12, 3 out of 12).

If you customize your download you can specify the column count you'd like.

The grid can be nested to support more complex layouts.

Small Grid Example

```
<div class="row">

  <div class="small-6 columns">
    <h5>Logo</h5>
  </div>

  <div class="small-6 column">
    <h5>Menu</h5>
  </div>

</div>
```

grid-2.html

Large / Medium Grid Example

```
<div class="row">

  <div class=“
    <h5>Logo</h5>
  </div>

  <div class="
    <h5>Menu</h5>
  </div>

</div>
```

grid-3.html

The Grid and You

Remember: the Grid is just blocks when you don't have media queries (IE6-8, feature phones, etc).

The Grid has three actual layout sizes by default: small screen (< 640), medium (<= 1024) and large screen (> 1024).

You can use the small grid, medium grid, large grid, or none of the above but you **must** use rows and columns for a valid Foundation page (or: write a lot of custom code).

More Fun with the Grid

grid-4.html

A (slightly) more complex grid layout.

Nesting

The real power of the Grid comes from nesting – embedding rows inside other columns (inside rows, inside columns, etc).

This helps you create much more complex layouts.

Nesting

```
<div class="row">
  <div class="small-6 columns">

    <div class="row">
      <div class="small-6 columns">
        ...
      </div>
      <div class="small-6 columns">
        ...
      </div>
    </div>

  </div>
</div>
```

Nesting

foundation.zurb.com/docs

Nesting in action.

Offsets

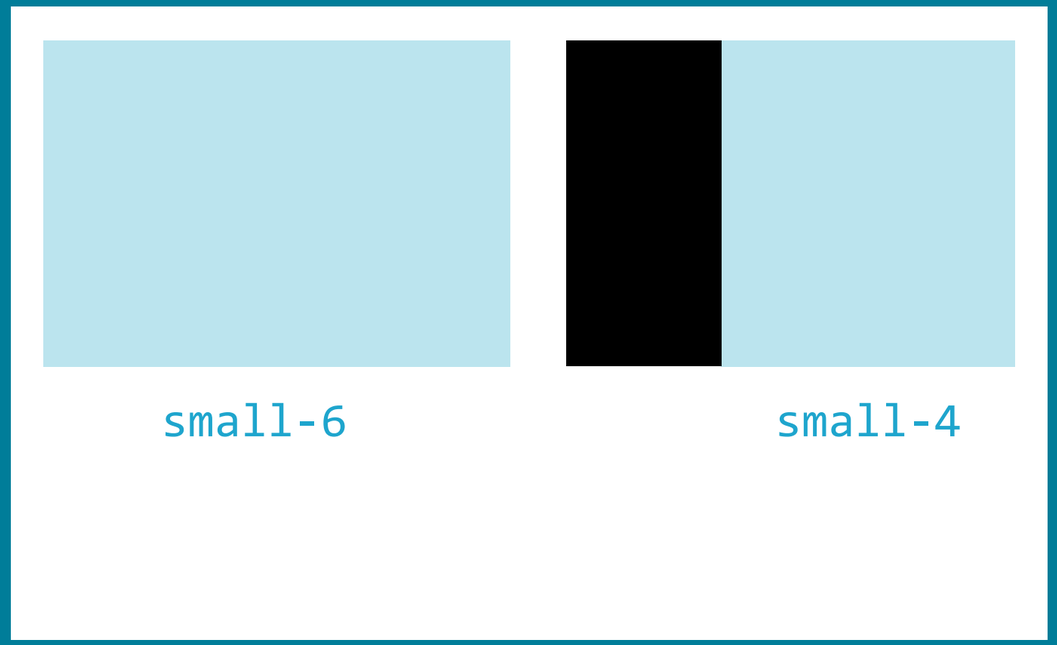
Great for creating consistent horizontal spacing.

Not used all that often, but they are handy.

Offsets

```
<div class="row">
  <div class="small-6 columns">

    <div class="row">
      <div class="small-6 columns">
        ...
      </div>
      <div class="small-4 small-offset-2 columns">
        ...
      </div>
    </div>

  </div>
</div>
```

Offsets



Source Ordering

Tricky, but tremendously useful – especially for responsive layouts.

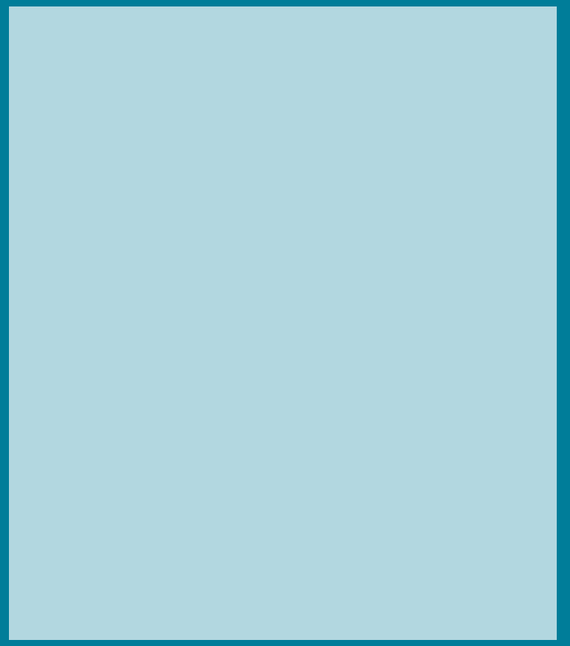
Allows you to have Grid columns that are in one order on mobile (and in the code) and in another order on a larger screen.

Source Ordering

```
<div class="row">
  <div class="large-9 large-push-3 columns">

    [Main Content]

  </div>
 <div class="large-3 large-pull-9 columns">

    [Sidebar]

  </div>
</div>
```

Source Ordering

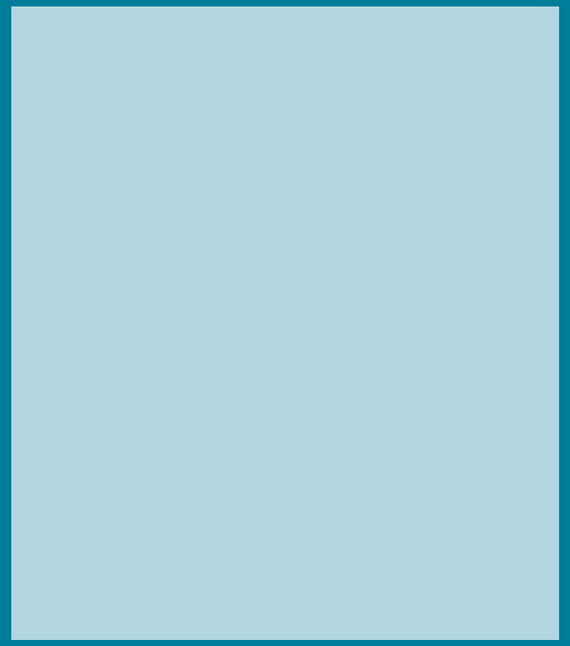
`large-9`



`large-3`

Source Ordering

Source Ordering



`large-3`

`large-9`

foundation.zurb.com/docs

Source ordering in action.

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Questions?

(If you don’t have a question, feel free to stretch your legs or something)