



### Grid System

#### Basic Grid Structure

Foundation's grid system is based on a 12-column flexbox grid.

- `.grid-container` - Creates a container that centers the grid.
- `.grid-x` - Row container, direct child of `.grid-container`.
- `.cell` - Individual grid cell, direct child of `.grid-x`.

#### Column Sizing

`.small-#`, `.medium-#`, `.large-#` - Defines column size for different screen sizes (where # is a number from 1-12).

**Example:**  
`.small-6 .medium-4 .large-3`

`.auto` - Automatically sizes the column based on its content.

`.shrink` - Column takes up only the space it needs.

#### Grid Alignment

**Vertical Alignment** - Use classes like `.align-self-top`, `.align-self-middle`, `.align-self-bottom` on `.cell` to vertically align content.

**Horizontal Alignment** - Use classes like `.align-left`, `.align-right`, `.align-center` on `.grid-x` to horizontally align columns.

**Distribution Alignment** - Use classes like `.align-spaced`, `.align-justify` on `.grid-x` to distribute columns.

### Typography & Colors

#### Typography

Foundation provides default typography styles. Common elements:

- `<h1>` to `<h6>` - Heading styles.
- `<p>` - Paragraph style.
- `<a>` - Link style.

Helper Classes:

- `.lead` - Makes a paragraph stand out.
- `.subheader` - Adds a muted style to headings.
- `.text-left`, `.text-center`, `.text-right` - Text alignment classes.

#### Colors

**Primary Color** - Used for main actions and branding. Class: `.primary`

**Secondary Color** - Used for less important actions. Class: `.secondary`

**Success Color** - Used for positive feedback. Class: `.success`

**Warning Color** - Used to indicate caution. Class: `.warning`

**Alert Color** - Used for error messages. Class: `.alert`

#### Color Usage

**Background Colors** - Use `.bg-*` classes like `.bg-primary`, `.bg-secondary`, etc.

**Text Colors** - Use `.text-*` classes like `.text-primary`, `.text-secondary`, etc.

### UI Components

#### Buttons

**Basic Button:**  
`<button class="button">Click Me</button>`

**Button Sizes:**  
`.tiny`, `.small`, `.large`

`<button class="button large">Large Button</button>`

**Button Colors:**  
`.primary`, `.secondary`, `.success`, `.warning`, `.alert`

`<button class="button success">Success Button</button>`

#### Forms

**Basic Form Input:**  
`<label>Input Label<input type="text"></label>`

**Form with Help Text:**  
`<label> Input Label<input type="text"></label><p class="help-text">Help text goes here.</p>`

**Error State:**  
`<input type="text" class="is-invalid-input">`  
`<span class="form-error is-visible">Invalid input.</span>`

#### Navigation

**Basic Navigation Menu:**

```
<ul class="menu">
  <li><a href="#">One</a></li>
  <li><a href="#">Two</a></li>
</ul>
```

**Vertical Menu:**

```
<ul class="vertical menu">
  <li><a href="#">One</a></li>
  <li><a href="#">Two</a></li>
</ul>
```

**Accordion Menu:**

```
<ul class="accordion menu" data-accordion>
  <li class="accordion-item" data-accordion-item>
    <a href="#" class="accordion-title">Section 1</a>
    <div class="accordion-content" data-tab-content>
      Panel 1. Lorem ipsum dolor...
    </div>
  </li>
</ul>
```

### JavaScript Utilities

## Interchange

Dynamically loads content based on media queries.

```
<div data-interchange="/path/to/default.html,
default], [/path/to/medium.html, medium]">
</div>
```

## Reveal (Modal)

Creates a modal window.

```
<div class="reveal" id="myModal" data-reveal>
  <h1>Awesome. I Have It.</h1>
  <button class="close-button" data-close
aria-label="Close modal" type="button">
  <span aria-hidden="true">&times;</span>
</button>
</div>

<button class="button" data-
open="myModal">Click me for a modal</button>
```

## Off-canvas

Creates an off-canvas menu.

```
<div class="off-canvas-wrapper">
  <div class="off-canvas position-left"
id="myCanvas" data-off-canvas> ... </div>
  <div class="off-canvas-content" data-off-
canvas-content> ... </div>
</div>
```