

## Elements & Typography

### Grid

For laying out content on a page, the core hub framework includes styles for a 12-column grid.

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...

The grid supports up to 12 columns with `span#` and `offset#` classes.

Each column **must** have a `.col` class. The last column in a set must have the `.omega` class added for IE 7 to work properly. No clearing div is required.

For example, a four column grid would look like:

```
<div class="grid">  
  <div class="col span3">  
    ...  
  </div>  
  <div class="col span3">  
    ...
```

```
</div>
<div class="col span3">
  ...
</div>
<div class="col span3 omega">
  ...
</div>
</div>
```

Output:

...

...

...

...

### Spanning Columns

Columns can be spanned to easier portion content on the page. In the following example, we span the first 6 columns in a container, then follow with two, smaller 3 column containers for a 3-column layout where the first column takes up 50% of the space.

```
<div class="grid">
  <div class="col span6">
    ...
  </div>
  <div class="col span3">
    ...
  </div>
  <div class="col span3 omega">
    ...
  </div>
</div>
```

Output:

...

...

...

### Offsets

Columns may also be offset or 'pushed' over.

```
<div class="grid">
  <div class="col span3 offset3">
    ...
  </div>
  <div class="col span3">
    ...
  </div>
  <div class="col span3 omega">
    ...
  </div>
</div>
```

Output:

...

...

...

### Helper Classes

`.span-quarter`  
Span 3 columns. This is equivalent to `.span3`

`.span-third`  
Span 4 columns. This is equivalent to `.span4`

`.span-half`  
Span 6 columns. This is equivalent to `.span6`

`.span-two-thirds`  
Span 8 columns. This is equivalent to `.span8`

`.span-three-quarters`

Span 9 columns. This is equivalent to `.span9`

A four column grid with the helper classes:

```
<div class="grid">
  <div class="col span-quarter">
    ...
  </div>
  <div class="col span-quarter">
    ...
  </div>
  <div class="col span-quarter">
    ...
  </div>
  <div class="col span-quarter omega">
    ...
  </div>
</div>
```

There are equivalent `.offset-` classes as well:

`.offset-quarter`

Offset 3 columns. This is equivalent to `.offset3`

`.offset-third`

Offset 4 columns. This is equivalent to `.offset4`

`.offset-half`

Offset 6 columns. This is equivalent to `.offset6`

`.offset-two-thirds`

Offset 8 columns. This is equivalent to `.offset8`

`.offset-three-quarters`

Offset 9 columns. This is equivalent to `.offset9`

Markup for a four column grid with the offset helper class:

```
<div class="grid">
  <div class="col span-quarter">
    ...
  </div>
  <div class="col offset-quarter span-quarter">
    ...
  </div>
  <div class="col span-quarter omega">
```

```
...
</div>
</div>
```

Output:

...

...

...

### Nesting Grids

The following is an example of a 3 column grid nested inside the first column of *another* 3 column grid.

```
<div class="grid">
  <div class="col span6">
    <div class="grid">
      <div class="col span4">
        ...
      </div>
      <div class="col span4">
        ...
      </div>
      <div class="col span4 omega">
        ...
      </div>
    </div>
  <div class="col span3">
    ...
  </div>
  <div class="col span3 omega">
    ...
  </div>
</div>
```

Output:

...

...

...

...

...

### Notifications

The core framework provides some base styles for alter and notifications.

```
<p class="passed">Success message</p>
```

Success message

```
<p class="info">Info message</p>
```

Info message

```
<p class="help">Help message</p>
```

Help message

```
<p class="warning">Warning message</p>
```

### Warning message

```
<p class="error">Error message</p>
```

### Error message

## Sections & Asides

The majority of hub components have content laid out in a primary content column with secondary navigation or metadata in a smaller side column to the right. This is done by first wrapping the entire content in a div with a class of `.section`. The content intended for the side column is wrapped in a `<div class="aside">` tag. The primary content is wrapped in a `<div class="subject">` tag and immediately follows the `.aside` column.

**Note:** The `.aside` column must come first in order for the content to be positioned properly. If, unfortunately, this poses a semantic problem, we recommend using the grid system as a potential alternative.

Using `aside` & `subject` differs from the grid system in that the `.aside` column has a fixed width with the `.subject` column taking up the available left-over space. In the grid system, **every** column is flexible (uses a percentage of the screen) and cannot have a specified, fixed width.

### Example usage:

```
<div class="section">
  <div class="aside">
    Side column content ...
  </div>
  <div class="subject">
    Primary content ...
  </div>
  <div class="clear"></div>
</div>
```