



# blueprintcss

spend your time innovating, not replicating.

## version 1.0

Blueprint CSS version 1.0 ([www.blueprintcss.org](http://www.blueprintcss.org))

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Cheat sheet v.4.2 by Gareth J M Saunders ([www.garethjmsaunders.co.uk/blueprint](http://www.garethjmsaunders.co.uk/blueprint))

### STYLESHEET LINK

Download the latest version from [www.blueprintcss.org](http://www.blueprintcss.org) and add these lines into the <head> of your page. Check that your href path is correct.

```
<link rel="stylesheet" href="blueprint/screen.css" type="text/css"
      media="screen, projection" />
<link rel="stylesheet" href="blueprint/print.css" type="text/css"
      media="print" />
<!--[if lt IE 8]>
<link rel="stylesheet" href="blueprint/ie.css" type="text/css"
      media="screen, projection" />
<![endif]-->
```

### USAGE

```
<body>
  <div class="container">
    <div class="span-16">
      <p>Column 1</p>
    </div>
    <div class="span-8 last">
      <p>Column 2</p>
    </div>
  </div>
</body>
```

**.span-x** implies a column (although **.column** may still be used). Remember to use **"last"** for the last column of the row to avoid it jumping to the next row. Columns may be nested inside one another.

### TYPOGRAPHY

**typography.css** sets up some sensible default typography. The **font-size** percentage is of 16px (0.75 x 16px = 12px). Line-heights and vertical margins are automatically calculated from this in ems.

The base **line-height** is 18px (1.5em). This means that each element, from line-heights to images has a height that is a multiple of 18 (or 1.5 if you use ems). (See page 2 for a table of values.)

**h1-h6** color is #111 (nearly black); body **color** is #222 (dark grey); **font-family** is "Helvetica Neue", "Helvetica", "Arial", sans-serif.

### GRID

Defined in **grid.css**. Each column is 30px wide with a 10px right margin (except the last column which has no margin). If you need more or fewer columns use this formula to find the new total width:  
**total width = (columns x 40px) - 10px.** (See page two for full grid diagram.)

790px (20 columns)
830px (21 columns)
870px (22 columns)
910px (23 columns)
950px (24 columns)

### GRID CLASSES

<b>.append-x</b>	Add these to a column to add empty columns to the right; x = 1 to 23.
<b>.append-bottom</b>	Add a 1.5em gutter below an element.
<b>.border</b>	Shows a border (#ddd mid-grey) on the right hand side of a column.
<b>.box</b>	Creates a blue padded box inside a column (padding and margin-bottom: 1.5em).
<b>.clear</b>	Regular clearing: apply to a column that should drop below previous ones.
<b>.clearfix</b>	Clearing floats without extra mark-up. (See <a href="http://tinyurl.com/dh352">http://tinyurl.com/dh352</a> )
<b>.colborder</b>	Spans one column with a border in the centre. (#ddd mid-grey)
<b>.column</b>	Use with <b>.span-x</b> classes to create combinations of columns in the layout.
<b>.container</b>	Group your columns within containers; use on <div>. (width: 950px; margin: 0;)
<b>.even</b>	Table-stripping for older browsers that don't support 'tbody tr:nth-child(even) td'.
<b>.last</b>	The last column in a row needs this class.
<b>.prepend-x</b>	Add these to a column to add empty columns to the left; x = 1 to 23.
<b>.prepend-top</b>	Add a 1.5em gutter above an element.
<b>.pull-x</b>	Use these classes on an element to pull it left into the previous column; x = 1 to 24.
<b>.push-x</b>	Use these classes on an element to push it right into the next column; x = 1 to 24.
<b>.showgrid</b>	Use this on any <b>.span / .container</b> to see 'grid.png' as a background image.
<b>hr.space</b>	Use this to create a transparent horizontal rule across a column; also use <hr />.
<b>.span-x</b>	Use these classes to set the width of a column; x = 1 to 24; usually used on a div element. Can also be used on input and textarea elements (uses different widths).

### RESET

Defined mostly in **reset.css**. Blueprint CSS resets all browsers' default elements including HTML5 to:

- margin, padding, border: 0
- font-size: 100.01%
- font-weight: normal
- line-height: 1.5
- other font values: inherit
- image borders: 0
- focus outline: 0

Note that tables will still need cellspacing="0" in the HTML mark-up though.

### TYPOGRAPHY CLASSES

These classes are defined in the **typography.css** file. Other typographic elements are also defined in this file.

<b>.added</b>	bg #060 (green)
<b>.bottom</b>	mB 0; pB 0
<b>.first</b>	mL 0; pL 0
<b>.hide</b>	display: none
<b>.highlight</b>	bg #ff0 (yellow)
<b>.large</b>	1.2em; line 2.5
<b>.last</b>	mR 0; pR 0
<b>.loud</b>	color #000 (black)
<b>.quiet</b>	color #666 (grey)
<b>.removed</b>	bg #900 (red)
<b>.small</b>	0.8em; line 1.875
<b>.top</b>	mT 0; pT 0

### FLOAT CLASSES

<b>.left</b>	float: left
<b>.right</b>	float: right
<b>p .left/.right</b>	margin: 1.5em 1.5em 0

### FORMS

<b>.alert</b>	red frame box
<b>.error</b>	red frame box
<b>.info</b>	blue frame box
<b>.notice</b>	yellow frame box
<b>.success</b>	green frame box
<b>fieldset</b>	p, m and border
<b>form.inline</b>	line-height 3
<b>input.text</b>	w 300px p 5px
<b>input.title</b>	font-size 1.5em
<b>input [type=text]</b>	
<b>input [type=password]</b>	
<b>label</b>	bold
<b>legend</b>	m, font 1.2em
<b>select</b>	border 1px
<b>textarea</b>	w390px h250px

### IE FIXES

**IE ALL** Alignment of inline forms; margin bugs; fieldset padding (inc. IE8); image resizing; sub/sup line-height.

**IE5** Centre layout.

**IE6** Legend, label, textarea.

**IE6 & IE7** of numbers and hr margins.

**IE7** Code wrap.

### SPAN CLASSES

Use these classes to set the width of a column

<b>.span-1</b>	<b>.span-13</b>
<b>.span-2</b>	<b>.span-14</b>
<b>.span-3</b>	<b>.span-15</b>
<b>.span-4</b>	<b>.span-16</b>
<b>.span-5</b>	<b>.span-17</b>
<b>.span-6</b>	<b>.span-18</b>
<b>.span-7</b>	<b>.span-19</b>
<b>.span-8</b>	<b>.span-20</b>
<b>.span-9</b>	<b>.span-21</b>
<b>.span-10</b>	<b>.span-22</b>
<b>.span-11</b>	<b>.span-23</b>
<b>.span-12</b>	<b>.span-24</b>

### APPEND CLASSES

Add these to a column to add empty columns to the right.

<b>.append-1</b>	<b>.append-13</b>
<b>.append-2</b>	<b>.append-14</b>
<b>.append-3</b>	<b>.append-15</b>
<b>.append-4</b>	<b>.append-16</b>
<b>.append-5</b>	<b>.append-17</b>
<b>.append-6</b>	<b>.append-18</b>
<b>.append-7</b>	<b>.append-19</b>
<b>.append-8</b>	<b>.append-20</b>
<b>.append-9</b>	<b>.append-21</b>
<b>.append-10</b>	<b>.append-22</b>
<b>.append-11</b>	<b>.append-23</b>
<b>.append-12</b>	

### PREPEND CLASSES

Add these to a column to add empty columns to the left.

<b>.prepend-1</b>	<b>.prepend-13</b>
<b>.prepend-2</b>	<b>.prepend-14</b>
<b>.prepend-3</b>	<b>.prepend-15</b>
<b>.prepend-4</b>	<b>.prepend-16</b>
<b>.prepend-5</b>	<b>.prepend-17</b>
<b>.prepend-6</b>	<b>.prepend-18</b>
<b>.prepend-7</b>	<b>.prepend-19</b>
<b>.prepend-8</b>	<b>.prepend-20</b>
<b>.prepend-9</b>	<b>.prepend-21</b>
<b>.prepend-10</b>	<b>.prepend-22</b>
<b>.prepend-11</b>	<b>.prepend-23</b>
<b>.prepend-12</b>	

### VERTICAL CLASSES

Use these classes on an element to add vertical space.

<b>.prepend-top</b>	<b>mT 1.5em</b>
<b>.append-bottom</b>	<b>mB 1.5em</b>

### PUSH/PULL CLASSES

Use these classes on an element to **push** it right into the next column, or **pull** it left into the previous column.

<b>.push-1 to .push-24</b>	
<b>.pull-1 to .pull-24</b>	



GRID - each column is 30px wide with a 10px right margin, except the last column which has no margin.																										
class	width	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	pattern
.span-1	30px	1																								24 columns
.span-2	70px	2																								12 columns
.span-3	110px	3																								8 columns
.span-4	150px	4						4				4				4			4				4			6 columns (sixths)
.span-5	190px	5																								
.span-6	230px	6									6					6							6			4 columns (quarters)
.span-7	270px	7																								
.span-8	310px	8											8								8					3 columns (thirds)
.span-9	350px	9																								
.span-10	390px	10																								
.span-11	430px	11																								
.span-12	470px	12																		12						2 columns (half)
.span-13	510px	13																								
.span-14	550px	14																								
.span-15	590px	15																								
.span-16	630px	16																				8				two thirds
.span-17	670px	17																								
.span-18	710px	18																					6			three quarters
.span-19	750px	19																								
.span-20	790px	20																						4		five sixths
.span-21	830px	21																								
.span-22	870px	22																								
.span-23	910px	23																								
.span-24	950px	24																								1 column (full width)

LINE-HEIGHT			
The base line-height is 18px. Every element from images to line-height is a multiple of 18.			
1	18px	22	396px
2	36px	23	414px
3	54px	24	432px
4	72px	25	450px
5	90px	26	468px
6	108px	27	486px
7	126px	28	504px
8	144px	29	522px
9	162px	30	540px
10	180px	31	558px
11	198px	32	576px
12	216px	33	594px
13	234px	34	612px
14	252px	35	630px
15	270px	36	648px
16	288px	37	666px
17	306px	38	684px
18	324px	39	702px
19	342px	40	720px
20	360px	41	738px
21	378px	42	756px

FILE STRUCTURE	
blueprint/screen.css	
blueprint/print.css	
blueprint/ie.css	
blueprint/plugins/	
blueprint/src/reset.css	
blueprint/src/grid.css	
blueprint/src/typography.css	
blueprint/src/forms.css	
blueprint/src/print.css	
blueprint/src/ie.css	
lib/compress.rb	
lib/validate.rb	
DOWNLOADS	
<b>Latest ZIP</b>	
<a href="http://github.com/joshuaclayton/blueprint-css/zipball/master">http://github.com/joshuaclayton/blueprint-css/zipball/master</a>	
<b>Latest TGZ</b>	
<a href="http://github.com/joshuaclayton/blueprint-css/tarball/master">http://github.com/joshuaclayton/blueprint-css/tarball/master</a>	
<b>All versions</b>	
<a href="http://github.com/joshuaclayton/blueprint-css/downloads">http://github.com/joshuaclayton/blueprint-css/downloads</a>	

TOOLS & RESOURCES	
Blueprint CSS home	<a href="http://www.blueprintcss.org">www.blueprintcss.org</a>
Articles	<a href="http://wiki.github.com/joshuaclayton/blueprint-css/articles">http://wiki.github.com/joshuaclayton/blueprint-css/articles</a>
Browser compatibility list	<a href="http://wiki.github.com/joshuaclayton/blueprint-css/browser-compatibility-list">http://wiki.github.com/joshuaclayton/blueprint-css/browser-compatibility-list</a>
Bug tracker	<a href="http://blueprintcss.lighthouseapp.com">http://blueprintcss.lighthouseapp.com</a>
Cheat sheets and templates	<a href="http://wiki.github.com/joshuaclayton/blueprint-css/tools-and-resources">http://wiki.github.com/joshuaclayton/blueprint-css/tools-and-resources</a>
Code generators	<a href="http://bluecalc.groupion.com">http://bluecalc.groupion.com</a> or <a href="http://bgg.kematzy.com">http://bgg.kematzy.com</a>
Demos	<a href="http://www.blueprintcss.org/tests">www.blueprintcss.org/tests</a>
Discussion group	<a href="http://groups.google.com/group/blueprintcss">http://groups.google.com/group/blueprintcss</a>
Facebook	<a href="http://www.facebook.com/blueprintcss">http://www.facebook.com/blueprintcss</a>
Github repository	<a href="http://github.com/joshuaclayton/blueprint-css/tree/master">http://github.com/joshuaclayton/blueprint-css/tree/master</a>
JavaScript background grid switcher/toggler	<a href="http://tomster.org/blog/archive/2008/04/26/blueprint-css-jquery/">http://tomster.org/blog/archive/2008/04/26/blueprint-css-jquery/</a> <a href="http://www.sanityinc.com/articles/bookmarklet-to-toggle-blueprint-css-grid">http://www.sanityinc.com/articles/bookmarklet-to-toggle-blueprint-css-grid</a>
Layout editors	<a href="http://constructyourcss.com">http://constructyourcss.com</a> or <a href="http://toki-woki.net/p/Boks">http://toki-woki.net/p/Boks</a>
License	<a href="http://wiki.github.com/joshuaclayton/blueprint-css/license">http://wiki.github.com/joshuaclayton/blueprint-css/license</a>
Mods, forks and alternatives	<a href="http://wiki.github.com/joshuaclayton/blueprint-css/mods-forks-and-alternatives">http://wiki.github.com/joshuaclayton/blueprint-css/mods-forks-and-alternatives</a>
Paper grid (A4)	<a href="http://blueprintcss.org/media/PaperGrid_by_KaiHowells.pdf">http://blueprintcss.org/media/PaperGrid_by_KaiHowells.pdf</a>
Plugins	<a href="http://wiki.github.com/joshuaclayton/blueprint-css/plugins">http://wiki.github.com/joshuaclayton/blueprint-css/plugins</a>
Themes and frameworks	<a href="http://wiki.github.com/joshuaclayton/blueprint-css/themes-and-frameworks">http://wiki.github.com/joshuaclayton/blueprint-css/themes-and-frameworks</a>
Tutorials	<a href="http://wiki.github.com/joshuaclayton/blueprint-css/tutorials">http://wiki.github.com/joshuaclayton/blueprint-css/tutorials</a>
Twitter	<a href="http://twitter.com/blueprintcss">http://twitter.com/blueprintcss</a>
Wiki	<a href="http://github.com/joshuaclayton/blueprint-css/wikis/home">http://github.com/joshuaclayton/blueprint-css/wikis/home</a>