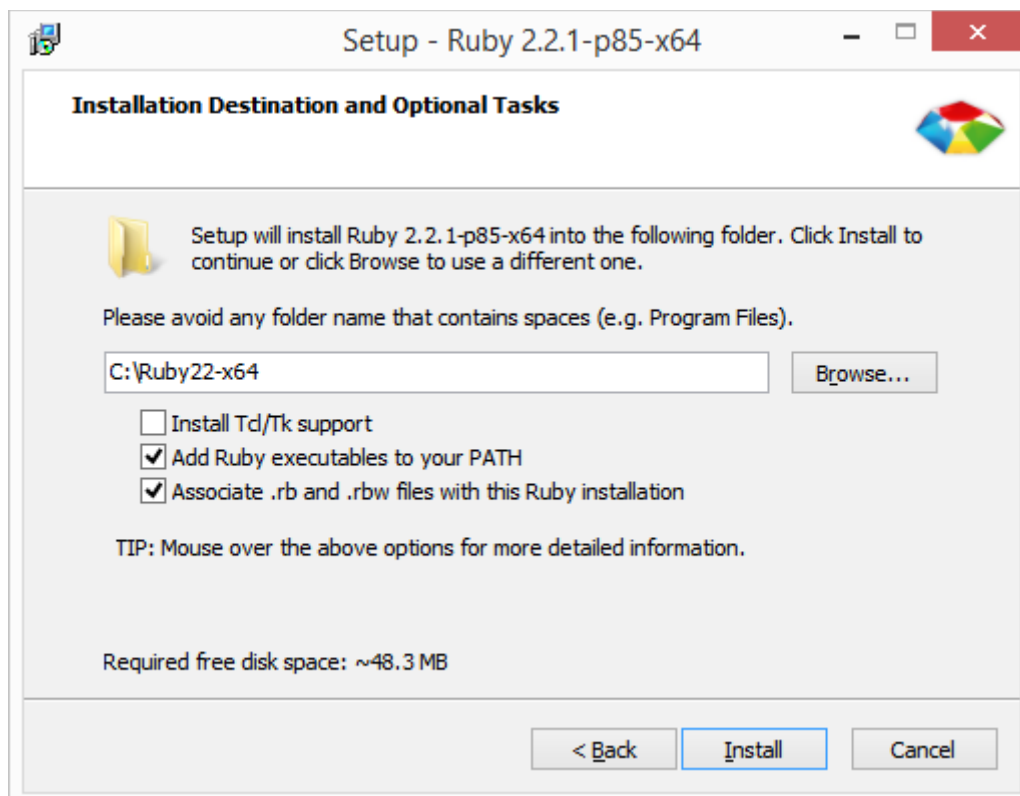
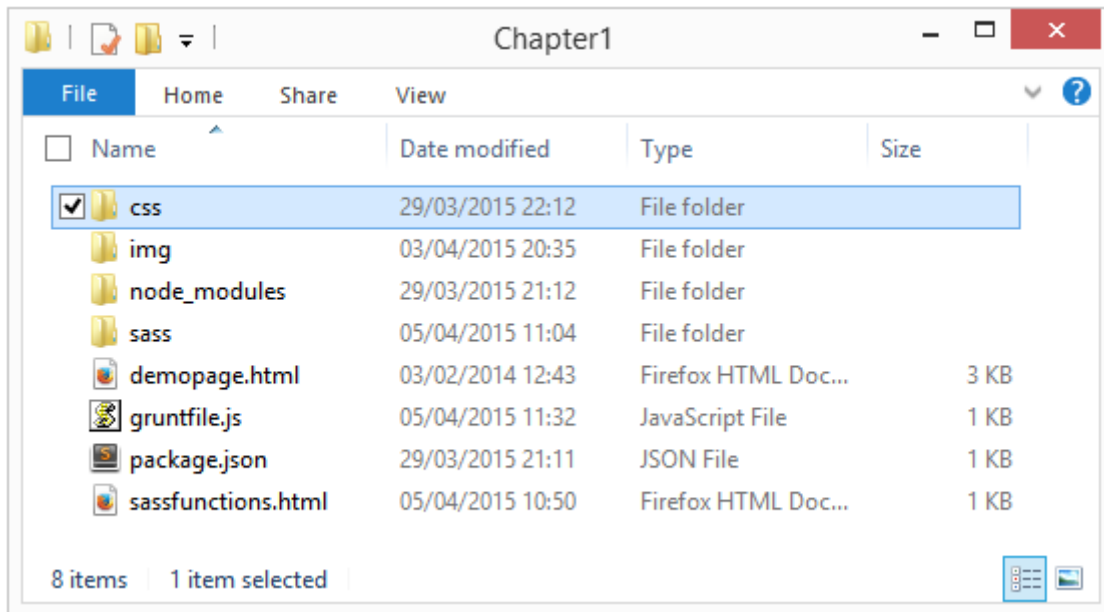
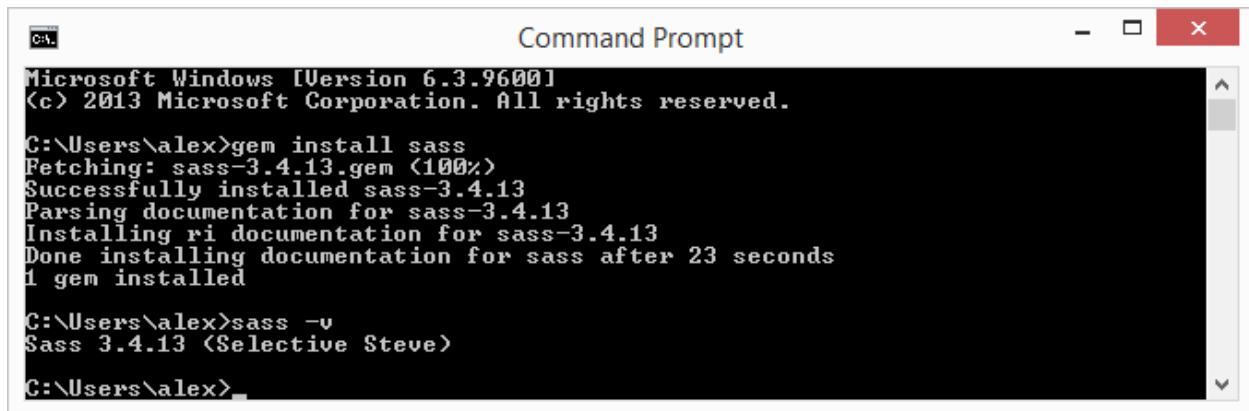


Chapter 1: Introducing Sass



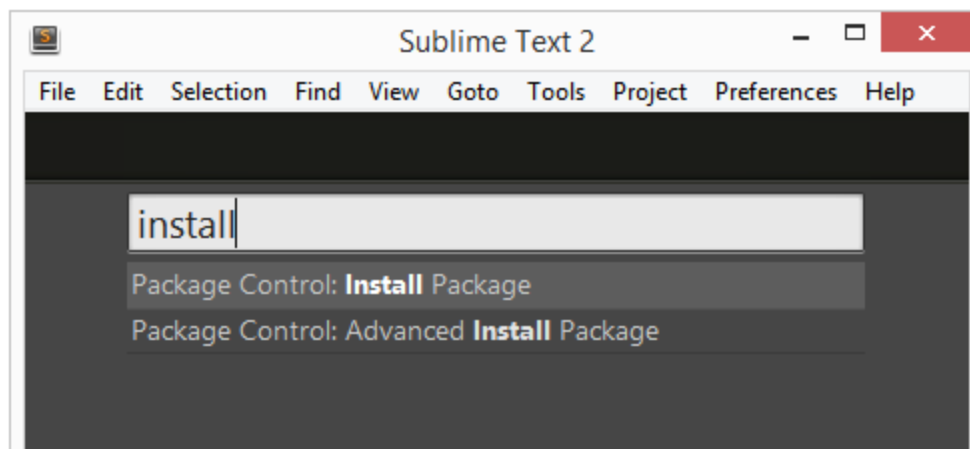


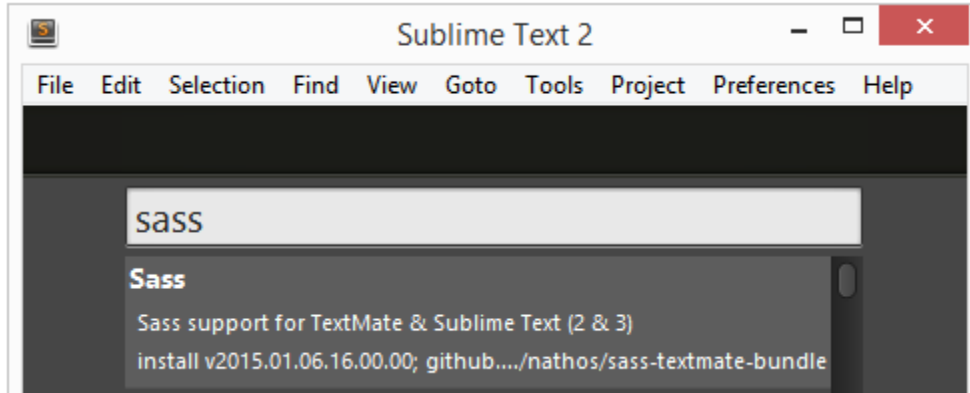
```
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Users\alex>gem install sass
Fetching: sass-3.4.13.gem (100%)
Successfully installed sass-3.4.13
Parsing documentation for sass-3.4.13
Installing ri documentation for sass-3.4.13
Done installing documentation for sass after 23 seconds
1 gem installed

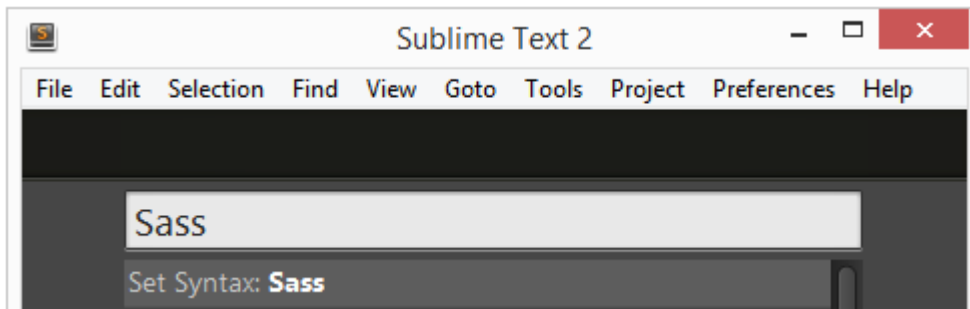
C:\Users\alex>sass -v
Sass 3.4.13 (Selective Steve)

C:\Users\alex>
```





Package Sass successfully installed



```
C:\wamp\www\4805OS\Chapter 1\sass\sassfunctions.scss - ...
File Edit Selection Find View Goto Tools Project Preferences Help

sassfunctions.scss
1 @mixin firefox-message($selector, $message) {
2   #{$selector}:before {
3     content: $message;
4   }
5 }
6
7 $firefox-greeting: "Hi Firefox users! This is a...";
8 $mainColour: #631;
9 $h1Size: 4em;
10 $removemargin: -20px;
11
12 h1 {

```

Line 1, Column 1 Tab Size: 4 Sass

```
untitled - Sublime Text 2
File Edit Selection Find View Goto Tools Project Preferences Help

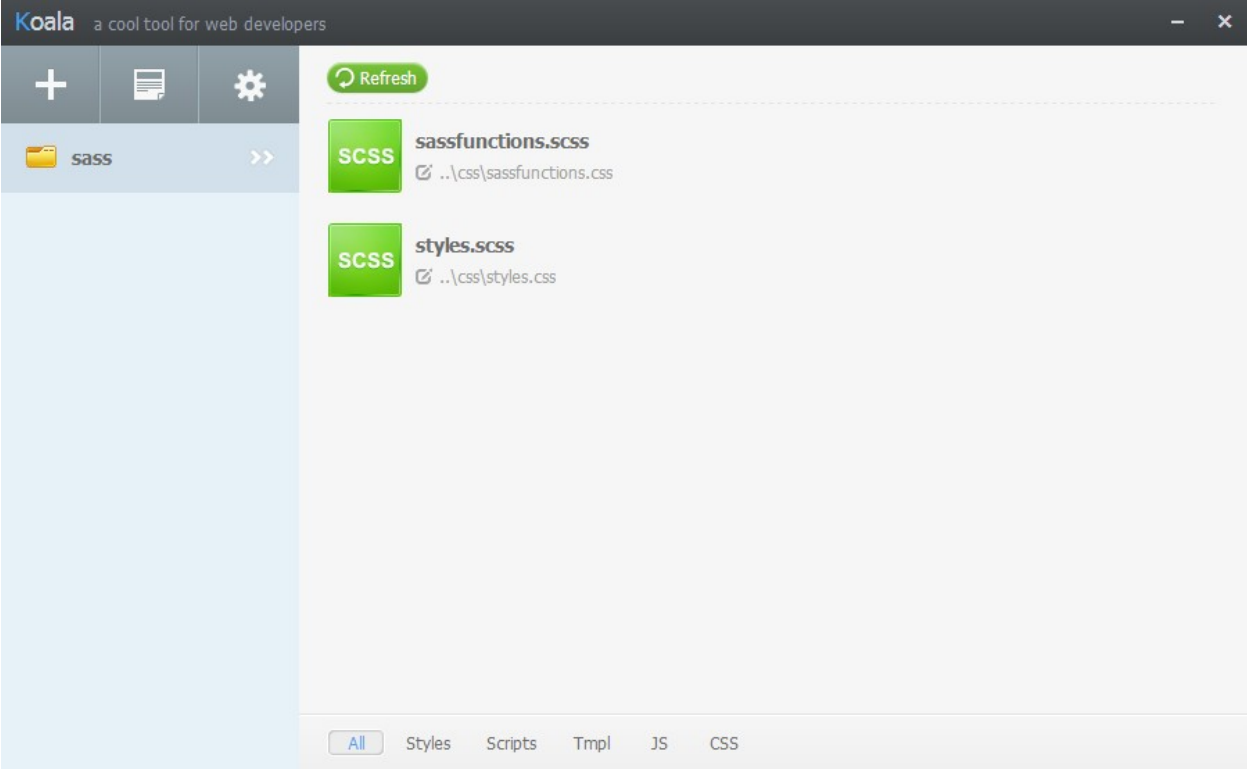
untitled
1 SASS Build
SASS Build
SASS build system for Sublime Text 2
install v2015.03.10.11.27.26; github.com/jaumefontal/SASS-Build-SublimeText2

```

Line 1, Column 1 Tab Size: 4 Plain Text

Line 1, Column 1; Package SASS Build successfully installed

```
Sass
Sass support for TextMate & Sublime Text (2 & 3)
remove v2015.01.06.16.00.00; github.com/nathos/sass-textmate-bundle
```



```
sassfunctions.css x
1  /* line 12, ../sass/sassfunctions.scss */
2  h1 {
3      color: rgba(136, 68, 85, 0.7);
4      font-size: 4em; }
5      /* line 2, ../sass/sassfunctions.scss */
6      h1:before {
7          content: "Hi Chrome users! This is a..."; }
8
9  /* line 18, ../sass/sassfunctions.scss */
10 h2 {
```

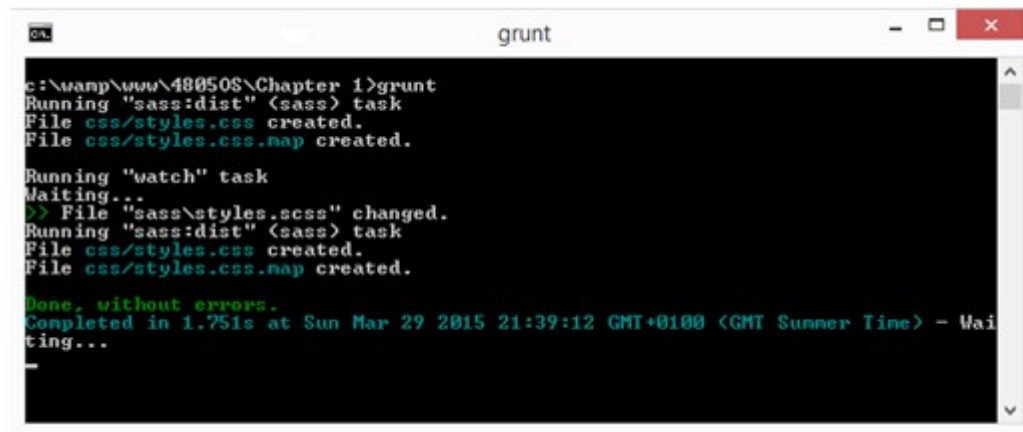
```
Node.js command prompt
npm WARN package.json Project1@0.0.1 No repository field.
npm WARN package.json Project1@0.0.1 No README data
npm WARN package.json Project1@0.0.1 No license field.
grunt-contrib-sass@0.9.2 node_modules\grunt-contrib-sass
├── async@0.9.2
├── dargs@4.0.1 <number-is-nan@1.0.0>
├── cross-spawn@0.2.9 <lru-cache@2.6.4>
├── chalk@0.5.1 <escape-string-regexp@1.0.3, ansi-styles@1.1.0, supports-color@0.2.0, strip-ansi@0.3.0, has-ansi@0.1.0>
└── which@1.1.1 <is-absolute@0.1.7>

c:\wamp\www\48050S\Chapter1>
```

```
grunt
c:\wamp\www\48050S\Chapter1>grunt
Running "sass:dist" <sass> task

Running "watch" task
Waiting...
```

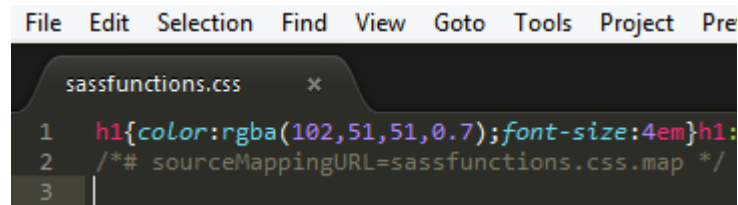
```
7 $firefoxGreeting: "Hi Firefox users! This is a...";
8 $mainColour: #845;
9 $h1Size: 4em;
10 $removeMargin: -20px;
```



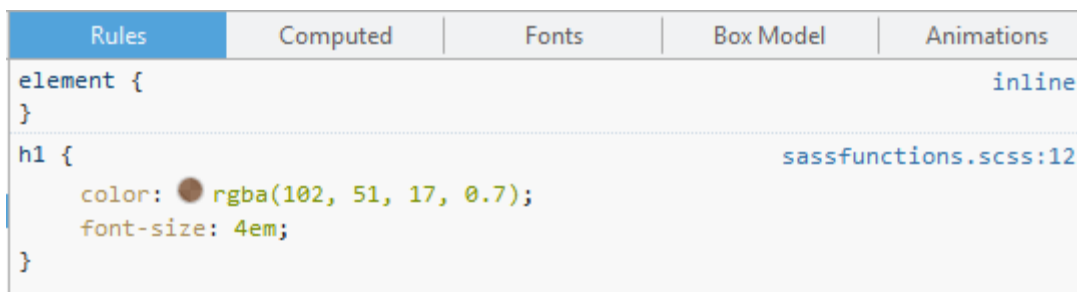
```
grunt
c:\vanp\www\480508\Chapter 1>grunt
Running "sass:dist" (sass) task
File css/styles.css created.
File css/styles.css.map created.

Running "watch" task
Waiting...
>> File "sass/styles.scss" changed.
Running "sass:dist" (sass) task
File css/styles.css created.
File css/styles.css.map created.

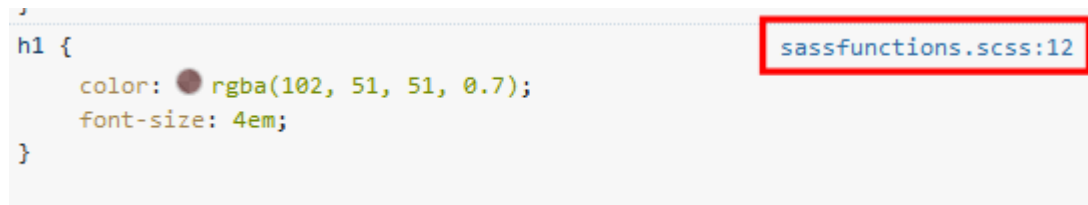
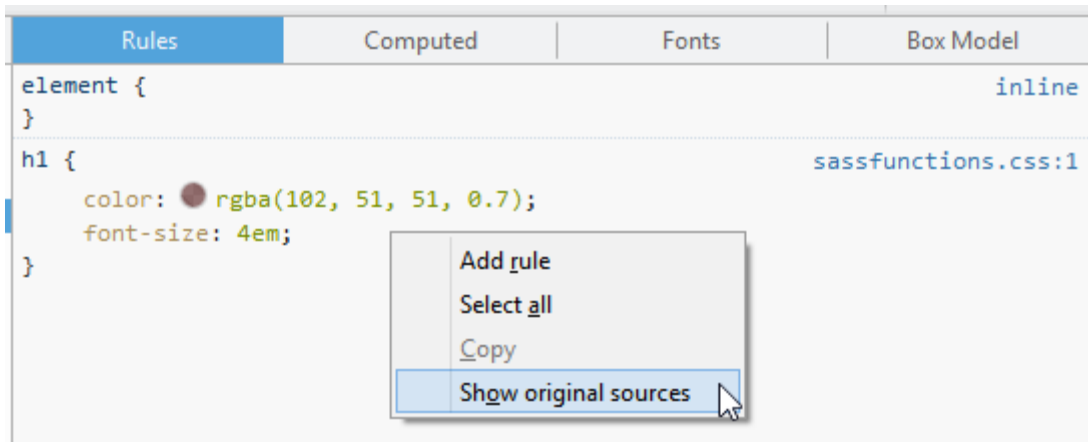
Done, without errors.
Completed in 1.751s at Sun Mar 29 2015 21:39:12 GMT+0100 (GMT Summer Time) - Waiting...
```

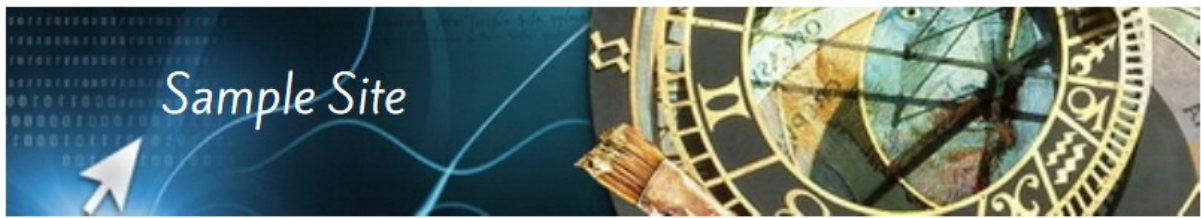


```
File Edit Selection Find View Goto Tools Project Pre
sassfunctions.css
1 h1{color:rgba(102,51,51,0.7);font-size:4em}h1:
2 /*# sourceMappingURL=sassfunctions.css.map */
3
```



Rules	Computed	Fonts	Box Model	Animations
element {				inline
}				
h1 {				sassfunctions.scss:12
color: ● rgba(102, 51, 17, 0.7);				
font-size: 4em;				
}				





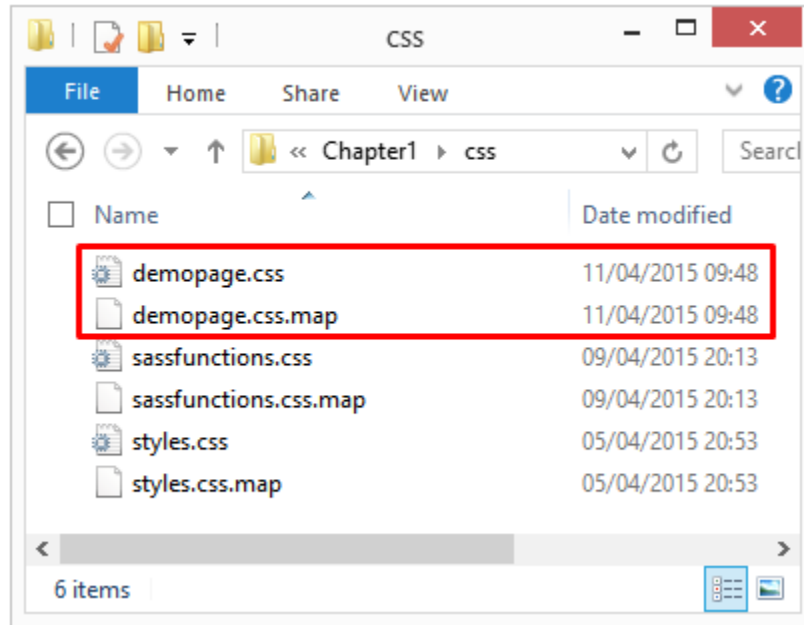
- [Sample link 1](#)
- [Sample link 2](#)
- [Sample link 3](#)
- [Sample link 4](#)

Lorem Ipsum

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur elit sem, lobortis eu mattis et, egestas ac libero. Donec mauris est, porttitor sed purus quis, molestie ultricies lorem. In id scelerisque nulla. Vestibulum in ornare massa. Aliquam eleifend mollis justo ac sagittis. Mauris et arcu non dolor pellentesque condimentum. Aliquam id quam turpis. Nunc sodales neque felis, in elementum tellus ornare quis. Suspendisse dignissim, eros nec pellentesque mattis, magna tortor iaculis mauris, vitae commodo ipsum enim ac tellus.

Phasellus pulvinar eu dui et mattis. Vivamus nec erat vitae elit hendrerit bibendum ut et orci. Ut egestas, purus laoreet convallis posuere, odio quam pretium turpis, ac adipiscing tellus lacus et diam. Fusce commodo vestibulum leo nec sollicitudin. Quisque aliquam tortor elementum fringilla vehicula. Aenean non erat convallis, volutpat erat sed, gravida nulla. Cras viverra aliquet felis. Phasellus tincidunt quis felis nec mollis. Nulla vitae dui ultricies, pharetra enim in, consequat dui. Vivamus et egestas nisl. Praesent iaculis diam nec vulputate scelerisque. Praesent sollicitudin felis quis eros blandit blandit. Donec quis aliquam tellus. Nullam vel ipsum tincidunt, suscipit ante ac, pellentesque lectus.





```
File Edit Selection Find View Goto Tools Project Preferences Help
demopage.css *
1 /* line 16, c:/wamp/www/480505/Chapter1/sass/demopage.scss */
2 #container {
3   width: 800px;
4   padding: 5px;
5   border: 1px solid black;
6   margin: 5% auto;
7   border-radius: 4px;
8   box-shadow: 4px 4px 4px 0px rgba(0, 0, 0, 0.5);
9   font-family: 'Kite One', sans-serif; }
10
```

```
section {                                demopage.scss:59
  width: 31rem;
  float: left;
  box-sizing: border-box;
  height: 35.94rem;
  padding: 0.625rem;
}
```

```
footer img { demopage.scss:73
  ▶ background: ○ #FFF url("../img/sprites.png")
  no-repeat scroll 0% 0%;
  width: 10.94rem;
  height: 3.75rem;
  float: right;
}

```

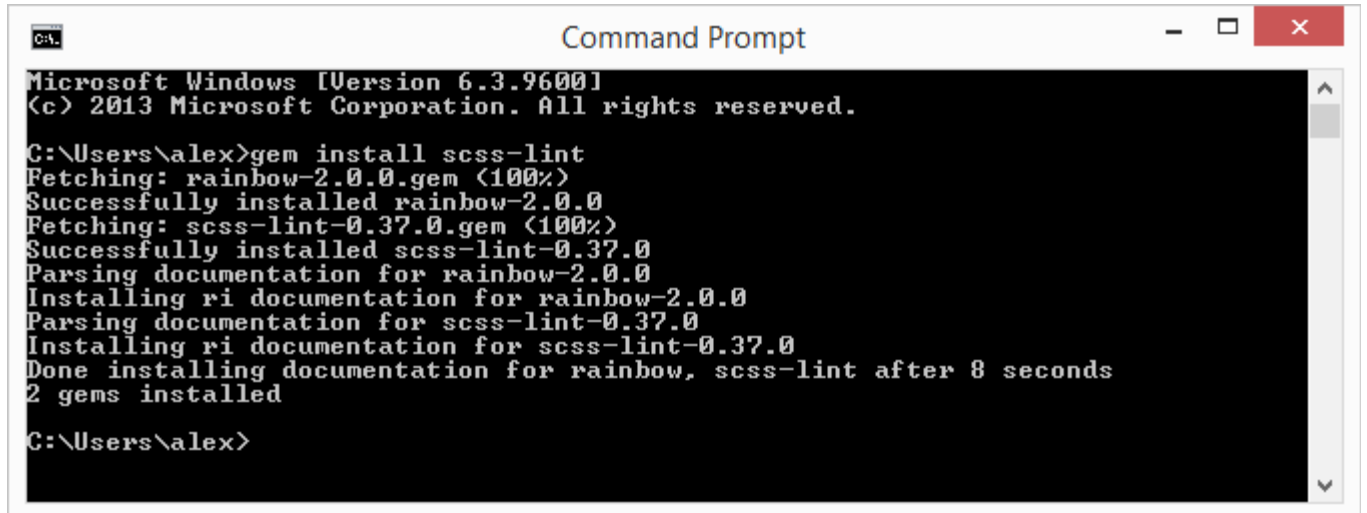
```
Inherited from footer

```

```
footer { demopage.scss:67
  font-size: 0.75rem;
}

```

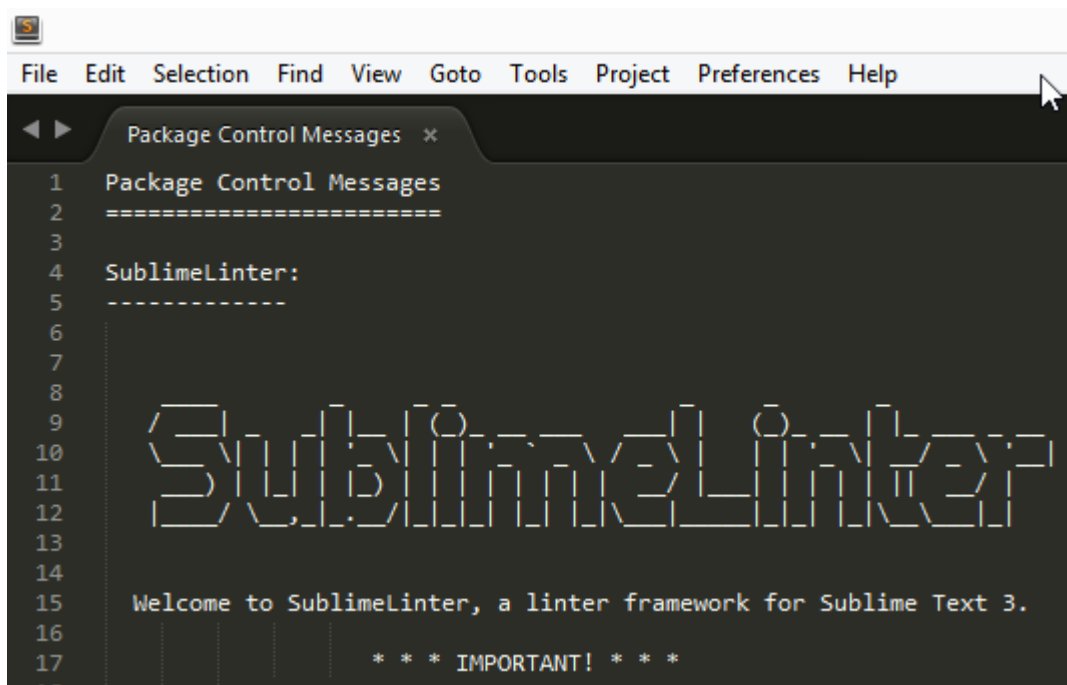
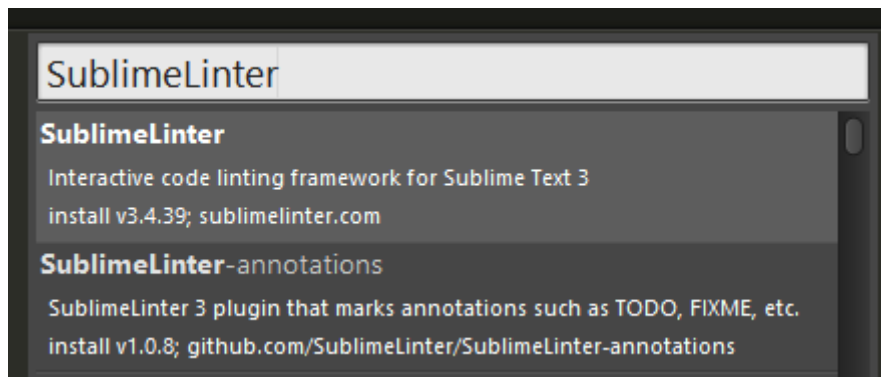
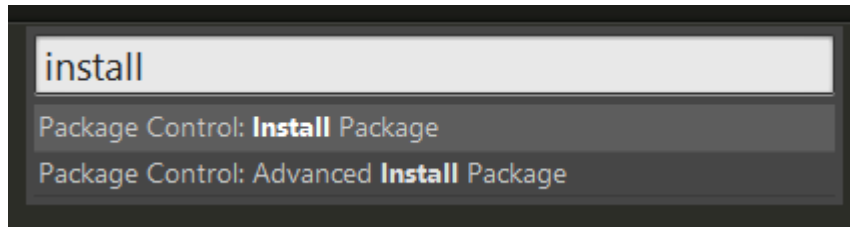
Chapter 2: Creating Variables and Mixins

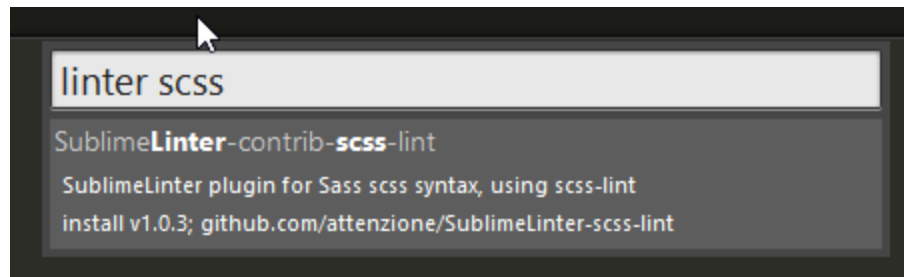


```
Command Prompt
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

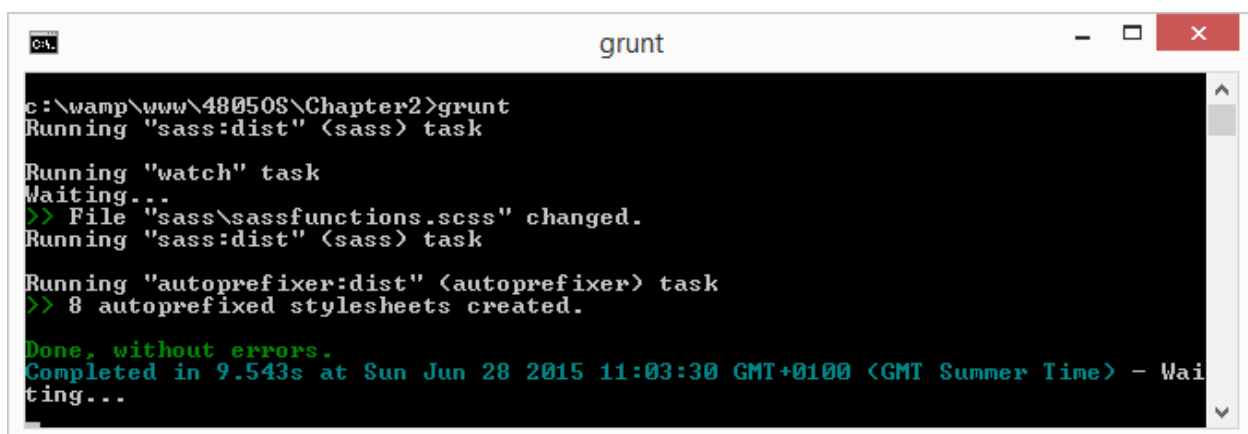
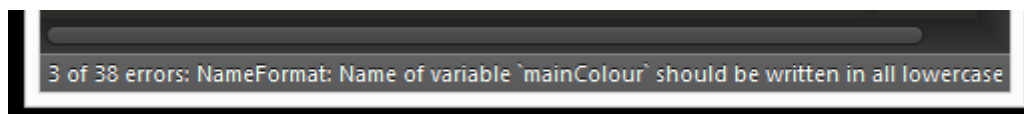
C:\Users\alex>gem install scss-lint
Fetching: rainbow-2.0.0.gem (100%)
Successfully installed rainbow-2.0.0
Fetching: scss-lint-0.37.0.gem (100%)
Successfully installed scss-lint-0.37.0
Parsing documentation for rainbow-2.0.0
Installing ri documentation for rainbow-2.0.0
Parsing documentation for scss-lint-0.37.0
Installing ri documentation for scss-lint-0.37.0
Done installing documentation for rainbow, scss-lint after 8 seconds
2 gems installed

C:\Users\alex>
```





```
! 7 $firefoxGreeting: "Hi Firefox users! This is a...";  
! 8 $mainColour: #845;  
! 9 $h1Size: 4em;  
!10 $removeMargin: -20px;
```



```
3 $firefoxGreeting: "Hi Chrome users! This is a...";
4 $mainColour: #458;
5 $h1Size: 4em;
6 $removeMargin: -20px;
```

```
1 /* line 8, ../sass/sassfunctions.scss */
2 h1 {
3   color: rgba(51, 34, 17, 0.7);
4   font-size: 4em;
5 }
6 /* line 2, ../sass/_partials/_content.scss */
7 h1:before {
8   content: "Hi Chrome users! This is a...";
9 }
```



No Pattern

`$blue-border`

`$light-blue-border`

`$lightest-border-blue`

`$red-border`



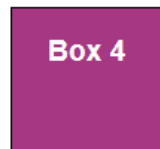
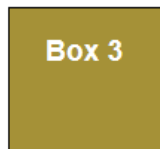
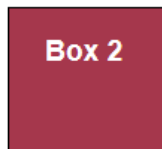
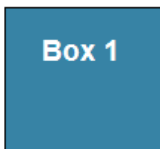
Generic -> Specific




`$border-blue`

`$border-blue-light`

`$border-blue-lightest`

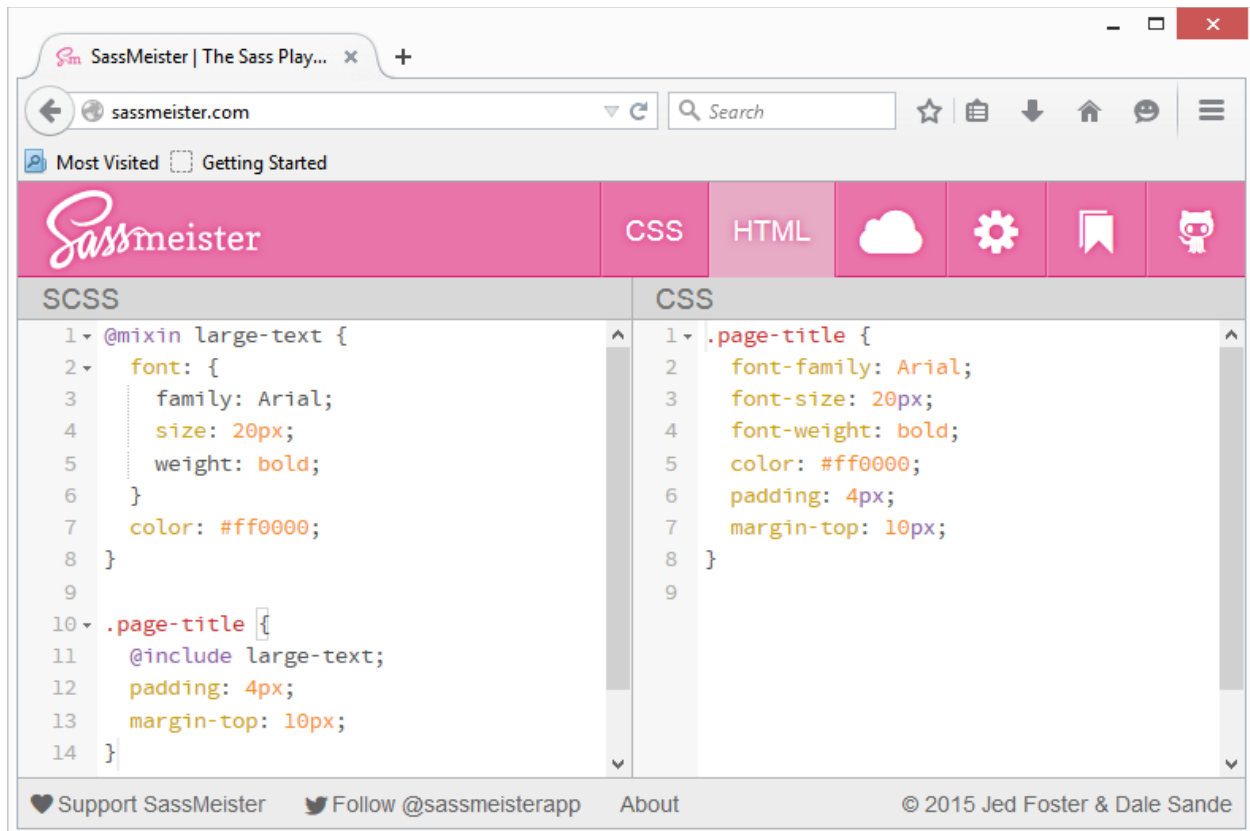
`$border-red`



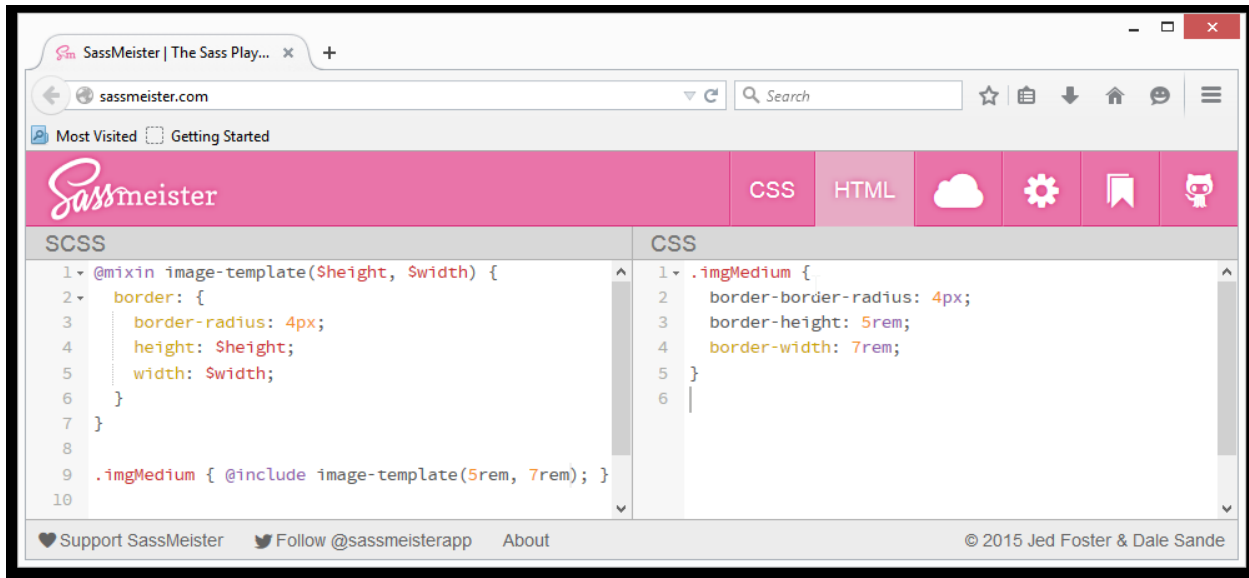
New	Import...	⚙
	cvimport.css	
	↳ cvimport.css 8 rules.	Save
	cvimport.scss	
	↳ cvimport.css 8 rules.	
	_colors.scss	
	↳ cvimport.css 8 rules.	

```
1  /* line 11, ../sass/cvimport.scss */
2  body {
3    font-size: 1.2rem;
4    font-weight: bold;
5    font-family: helvetica, sans-serif;
6    color: #fff;
7  }
8
9  /* line 18, ../sass/cvimport.scss */
10 div {
11   height: 5rem;
```

```
1  /*
2   Importing color values
3   from the _colors.scss partial file
4   */
5  @import "_partials/_colors.scss";
6
```

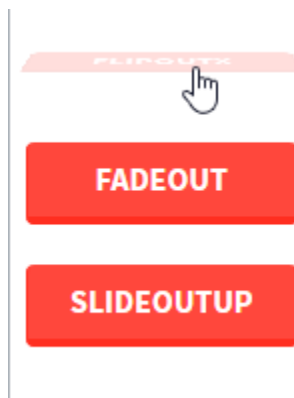



```
/* line 8, c:/wamp/www/48050S/Chapter2/sass/sassfunctions.scss */
h1 {
  color: rgba(68, 85, 136, 0.7);
  font-size: 4em; }
/* line 2, c:/wamp/www/48050S/Chapter2/sass/_partials/_content.scss */
h1:before {
  content: "Hi Chrome users! This is a...."; }
```



```
C:\wamp\www\4805OS\Chapter2\sass\demo
File Edit Selection Find View Goto Tools Project Preferences Help
demopage-import.scss x
1 @import "bourbon/app/assets/stylesheets/_bourbon.scss";
2
3 $baseWidth: 800px;
4 $mainWidth: round($baseWidth / 1.618);
5 $sidebarWidth: round($baseWidth * 0.382);
6
```

```
7 @media screen and (min-device-pixel-ratio: 0) {
8   @include font-face("fira_sansregular", "../fonts/firasans-regular-webfont");
9 }
```

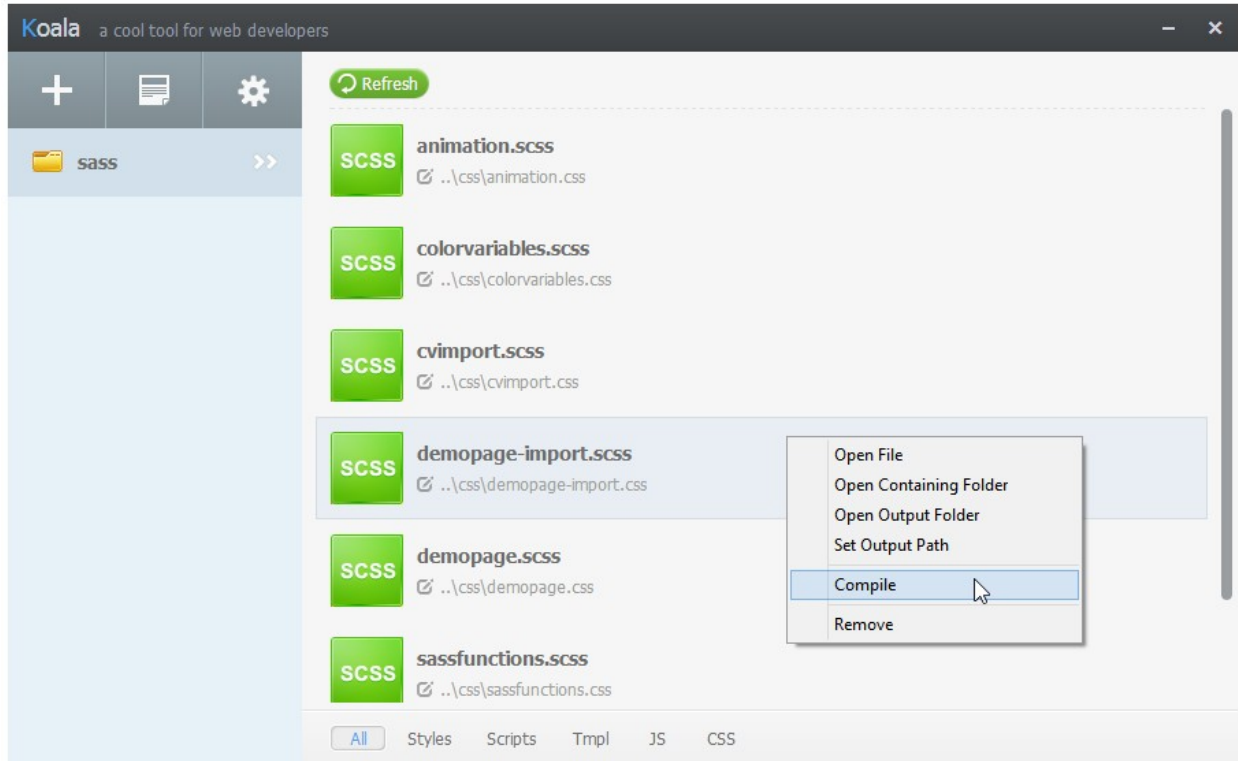


```
Node.js command prompt
c:\wamp\www\48050S\Chapter2>bower install bourbon
bower not-cached  git://github.com/thoughtbot/bourbon.git#*
bower resolve    git://github.com/thoughtbot/bourbon.git#*
bower download   https://github.com/thoughtbot/bourbon/archive/v4.2.2.tar.gz
bower extract    bourbon#* archive.tar.gz
bower resolved   git://github.com/thoughtbot/bourbon.git#4.2.2
bower install    bourbon#4.2.2

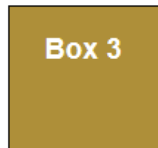
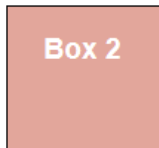
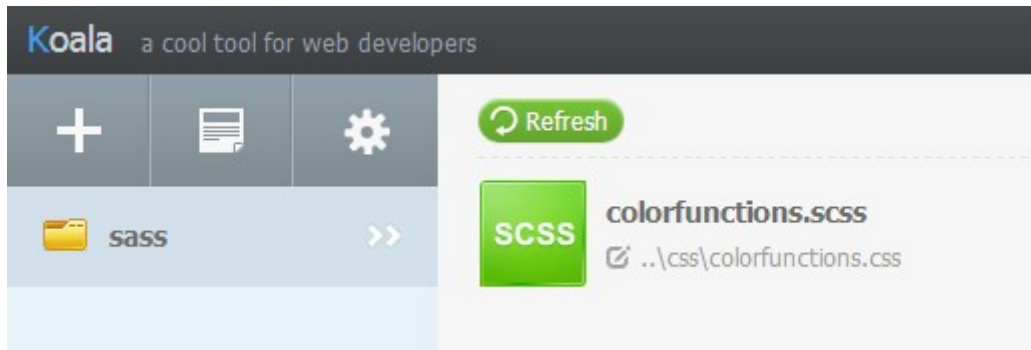
bourbon#4.2.2 bower_components\bourbon
c:\wamp\www\48050S\Chapter2>_
```

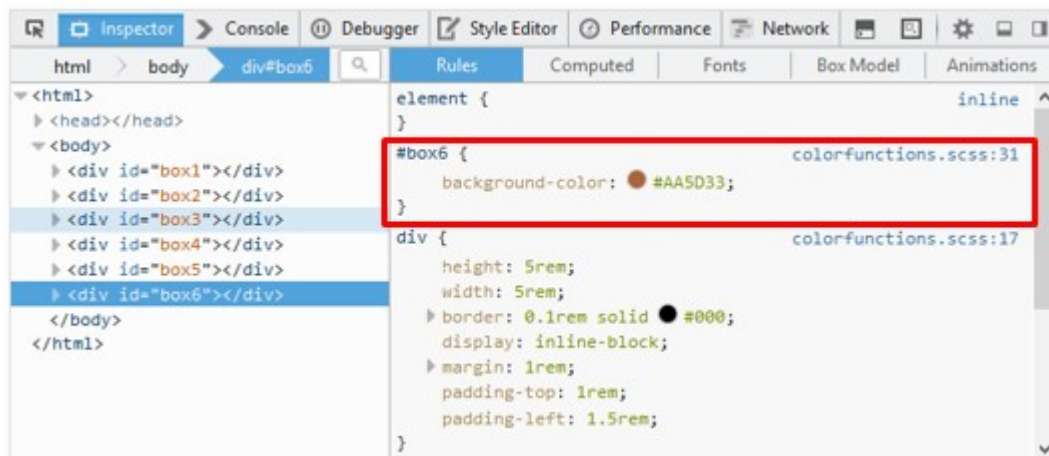
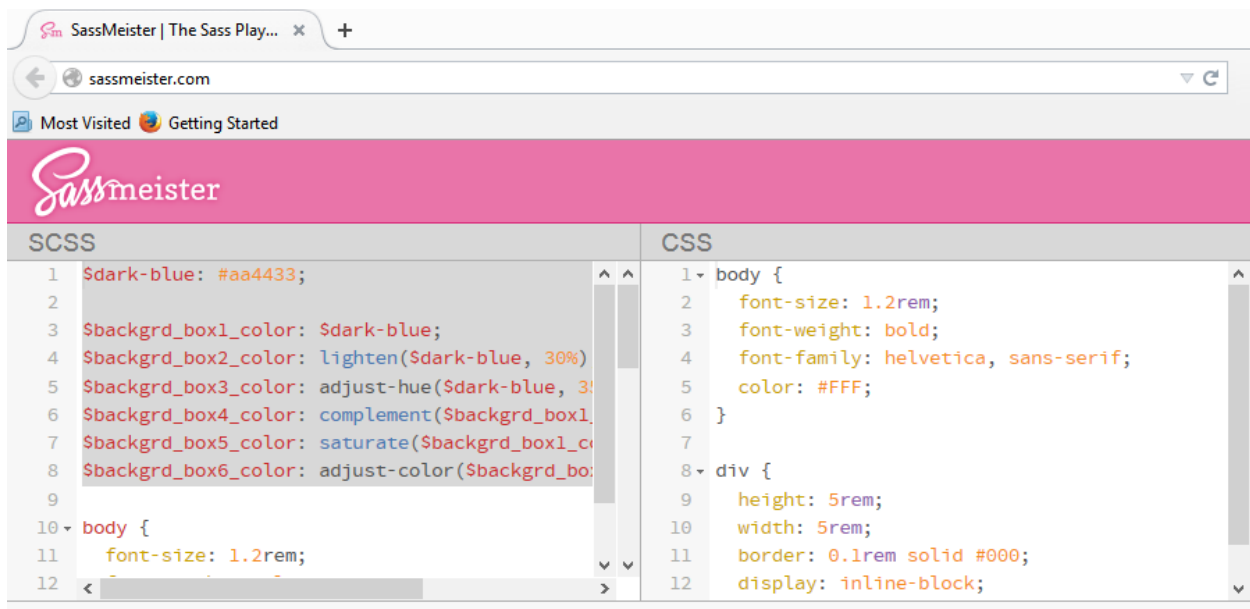
```
File css/styles.css created.
File css/styles.css.map created.
Warning: c:/wamp/www/48050S/Chapter2/sass/bourbon/app/assets/stylesheets/helpers
/font-source-declaration:29: expected 'in' keyword in @each directive
Use --force to continue.

Aborted due to warnings.
c:\wamp\www\48050S\Chapter2>_
```



Chapter 3: Building Functions, Operations, and Nested Styles





INPUT COLOR

OUTPUT COLOR

#db4e29

#87a055

```
adjust_hue(desaturate(darken(#db4e29, 2), 41), 67)
```

← DARKEN | LIGHTEN → Reset

← DESATURATE | SATURATE → Reset

← ADJUST HUE → Reset

```
I would like to set up my new compass project named colorlibrary with compass's starter stylesheets. I prefer the CSS based (SCSS) syntax and would like to customize my project's directory structure using sass for the sass source directory, css for the stylesheets output directory, javascripts for the javascripts directory, and images for the images directory.
```

```
$ gem install compass
$ compass create colorlibrary --sass-dir "sass" --css-dir "css"
```



```
#box6 {
  background-color: ● #98210D;
}
colorlibrary.scss:32
```

```
$dark-blue: #aa4433;

$backgrd_box1_color: $dark-blue;
$backgrd_box2_color: lighten($dark-blue, 30%);
$backgrd_box3_color: adjust-hue($dark-blue, 35%);
$backgrd_box4_color: complement($backgrd_box1_color);
$backgrd_box5_color: saturate($backgrd_box1_color, 30%);
//$backgrd_box6_color: adjust-color($backgrd_box1_color, $green: 25);
$backgrd_box6_color: shade($backgrd_box5_color, 25%);
```


SassMeister | The Sass Play... x +

sassmeister.com Search

Most Visited Getting Started

Sassmeister CSS HTML

SCSS	CSS	HTML
<pre> 1 \$baseSize: 3.0; 2 \$baseColor: #b26d61; 3 4 @mixin font-size(\$size) { 5 font-size: (\$sizeVal * \$baseSize); 6 font-size: \$sizeVal; 7 } 8 9 h1 { 10 @include font-size(3); 11 color: \$baseColor; 12 } 13 </pre>	<pre> 1 h1 { 2 font-size: 30px; 3 font-size: 3rem; 4 color: #b26d61; 5 } 6 7 h2 { 8 font-size: 28px; 9 font-size: 2.8rem; 10 color: #744239; 11 } 12 13 h3 { </pre>	<pre> 1 <html> 2 <head> 3 <meta charset="utf-8"> 4 <title>Demo: Assigning font sizes</title> 5 <link rel="stylesheet" href="style.css"> 6 </head> 7 <body> 8 <h1>The cat sat on the mat</h1> 9 <h2>The cat sat on the mat</h2> 10 <h3>The cat sat on the mat</h3> 11 <h4>The cat sat on the mat</h4> 12 <h5>The cat sat on the mat</h5> 13 </pre>

The cat sat on the mat

The cat sat on the mat

The cat sat on the mat

Support SassMeister Follow @sassmeisterapp About © 2015 Jed Foster & Dale Sande

Box 1

Box 2

Box 3

Box 4

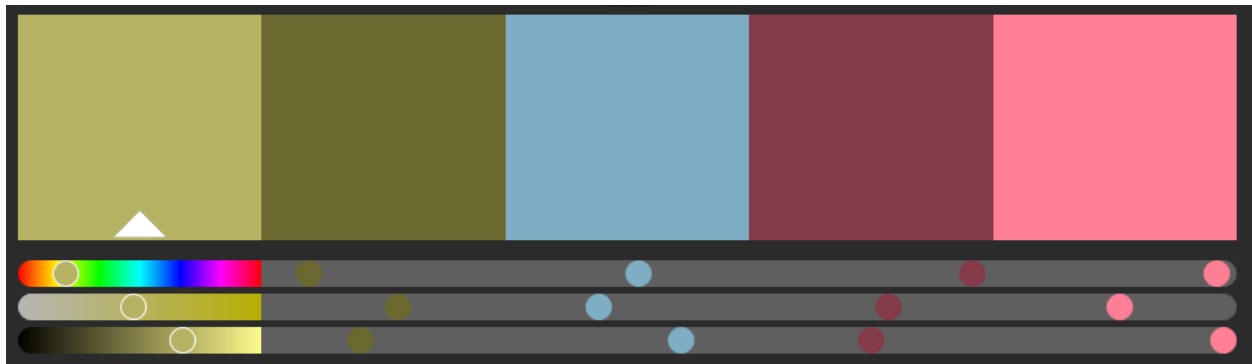
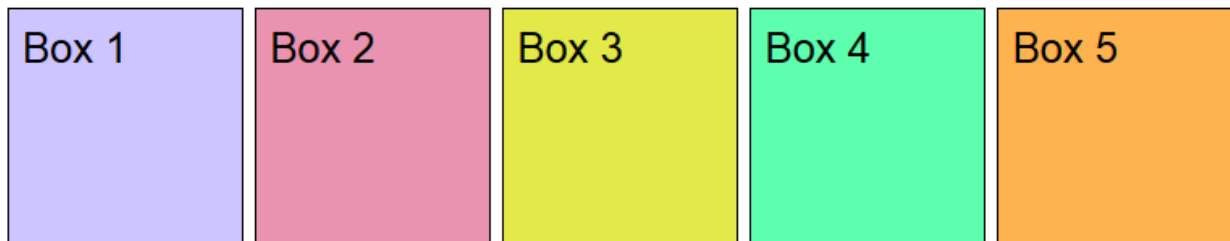
Box 5

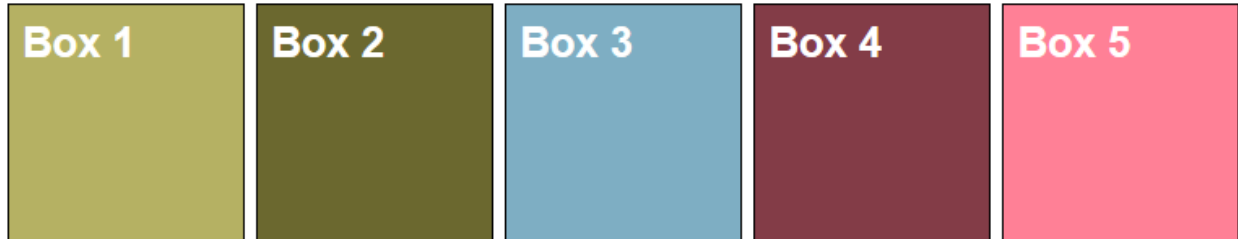
Box 6

Paste Kuler URL and hit Enter

```
812399952525664,0.285580179706326
```

```
$color-0: rgb(202,194,255);  
$color-1: rgb(232,142,173);  
$color-2: rgb(223,232,66);  
$color-3: rgb(87,255,171);  
$color-4: rgb(255,174,73);
```





Split Complementary: `sassycolours(#7EA7D8, 'split')`



```
CSS
1 a {
2   color: #2a2850;
3 }
4 a:hover {
5   color: #332e8c;
6 }
7 |
```



Shelby Mustang

Sample Site

Sample link 1
Sample link 2

Lorem Ipsum

```
48 nav {
49   box-sizing: border-box;
50   border-right: 1px solid #ccc;
51   float: left;
52   height: 575px;
53   width: 29%;
54   padding: 10px;
55 }
56 nav li {
57   list-style: none outside none;
58   padding: 3px;
59 }
60 nav a {
61   text-decoration: none;
62 }
63 nav:hover {
64   background-color: #D78742;
65   padding: 3px;
66 }
67
```

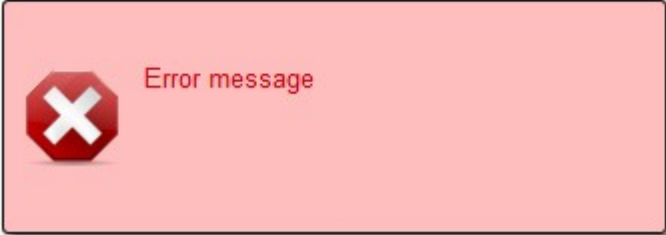
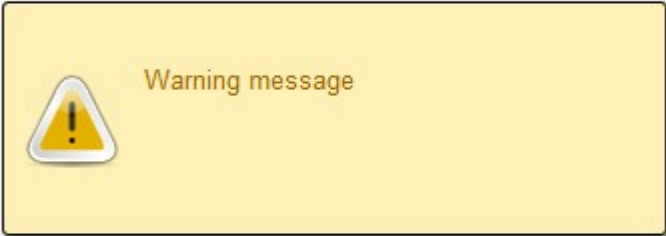
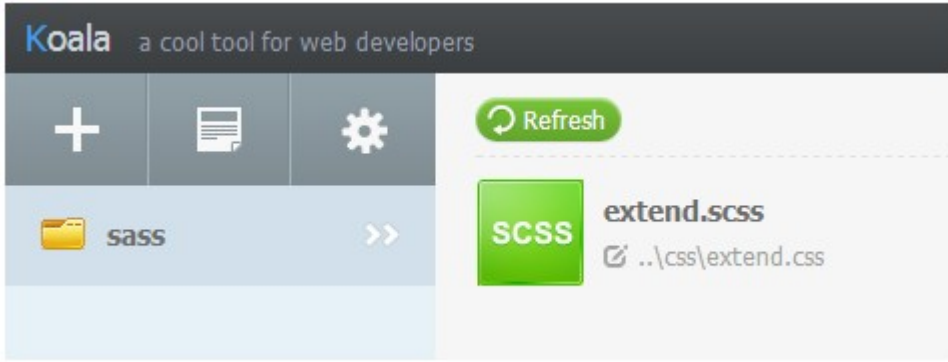
```
1 section {
2   box-sizing: border-box;
3   float: left;
4   height: 35.94rem;
5   width: 46%;
6   padding: 0.625rem;
7 }
```

Chapter 4: Directing Sass

CSS

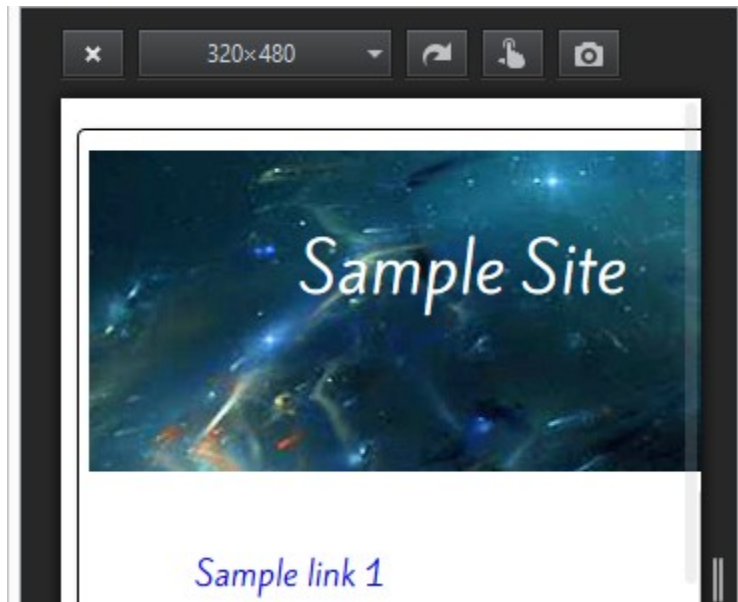
```
1 ▾ .first .descendant, .second .descendant {  
2   color: green;  
3 }
```

```
.alt-block h2 { ?p=8150&preview=true:197  
  color: ■ #8cc5e6;  
  padding-bottom: .2em;  
  border-bottom: 1px solid ■ black;  
  margin: 0 0 .3em;  
  background: none;  
}  
  
.block h2 { ?p=8150&preview=true:197  
  color: ■ #fd7900;  
  border: none;  
  margin: 0;  
  padding: .3em;  
  background: ■ #8cc5e6;  
  margin: 0 15px;  
}  
  
.my-sidebar h2 { ?p=8150&preview=true:197  
  color: ■ #8cc5e6;  
  size: 2.2em;  
  padding-bottom: .2em;  
  border-bottom: 1px solid ■ black;  
}  
  
h2 { ?p=8150&preview=true:197  
  color: ■ #fd7900;  
  size: 1.8em;  
  line-height: 1.1;  
  margin-bottom: .3em;  
}
```



```
.error { extend.scss:33
  color: ● #D8000C;
  background-color: ● #FFBABA;
  background-image: url("../img/error.png");
}

.box, .info, .warning, .error { extend.scss:6
  ▶ border: 1px solid ● #000;
  ▶ margin: 10px 0px;
  ▶ padding: 30px 10px 5px 70px;
  background-repeat: no-repeat;
  background-position: 10px center;
  width: 250px;
  ▶ border-radius: 3px;
  box-shadow: 3px 3px 4px 0px ● rgba(0, 0, 0, 0.65);
  height: 80px;
}
```




```
Node.js command prompt
G:\4805 SASS Essentials\Chapters\Chapter 4\Code\sass>bower install breakpoint-sa
ss
bower not-cached git://github.com/Team-Sass/breakpoint.git#*
bower resolved git://github.com/Team-Sass/breakpoint.git#*
bower download https://github.com/Team-Sass/breakpoint/archive/v2.6.1.tar.g
z
bower extract breakpoint-sass#* archive.tar.gz
bower resolved git://github.com/Team-Sass/breakpoint.git#2.6.1
bower not-cached git://github.com/Team-Sass/Sassy-Maps.git#<1.0.0
bower resolved git://github.com/Team-Sass/Sassy-Maps.git#<1.0.0
bower download https://github.com/Team-Sass/Sassy-Maps/archive/v0.4.0.tar.g
z
bower extract sassy-maps#<1.0.0 archive.tar.gz
bower resolved git://github.com/Team-Sass/Sassy-Maps.git#0.4.0
bower install breakpoint-sass#2.6.1
bower install sassy-maps#0.4.0

breakpoint-sass#2.6.1 sass\bower_components\breakpoint-sass
└─ sassy-maps#0.4.0

sassy-maps#0.4.0 sass\bower_components\sassy-maps
G:\4805 SASS Essentials\Chapters\Chapter 4\Code\sass>
```



Sample Site

- [Sample link 1](#)
- [Sample link 2](#)
- [Sample link 3](#)
- [Sample link 4](#)

Lorem Ipsum

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Sample Site

Sample link 1
Sample link 2
Sample link 3
Sample link 4

Lorem Ipsum

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consectetur adipiscing elit. Curabitur

```
29 #container {
30   border: 1px solid #000;
31   border-radius: 4px;
32   background-clip: padding-box;
33   margin: 5% auto;
34   overflow: hidden;
35   white-space: normal;
36   min-height: 100px;
37
38   //media query - screen and 320px
39   @include breakpoint($phone) {
40     #container { max-width: 800px; margin: 0 auto; background: #ccc; box-shadow: none; }
41   }
42 }
```

```

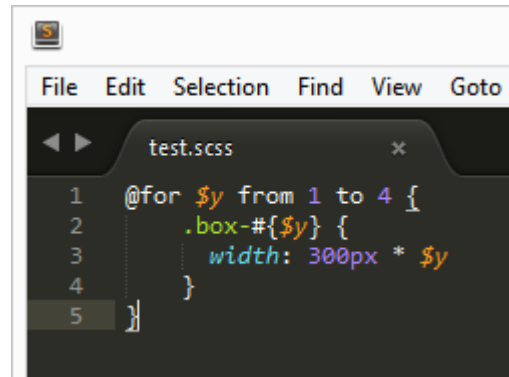
33 #container {
34     border: 1px solid #000;
35     border-radius: 4px;
36     background-clip: padding-box;
37     margin: 5% auto;
38     overflow: hidden;
39     white-space: normal;
40     min-height: 100px;
41 }
42 @media screen and (min-width: 320px) {
43     #container #container {
44         max-width: 800px;
45         margin: 0 auto;
46         background: #ccc;
47         box-shadow: none;
48     }
49 }

```

```

6 ▾ @mixin button-gradient($hex, $color: #fff) {
7     color: $color;
8
9 ▾     @if (lightness($hex) - lightness($color)) > 30 {
10         text-shadow: -1px -1px 1px rgba(255, 255, 255, 0.5);
11 ▾     } @else if (lightness($hex) - lightness($color)) < -30 {
12         text-shadow: 2px 2px 2px rgba(0, 0, 0, 0.5);
13     }
14
15     @include background-image(
16         linear-gradient(
17             lighten($hex, 15%), lighten($hex, 5%), $hex, darken($hex, 3%)
18         )
19     );
20
21 ▾     &:hover {
22         color: #ff3;
23         background-color: lighten($hex, 0%);
24     }
25
26 ▾     &:active {
27         background-color: darken($hex, 5%);
28     }
29 }

```



A screenshot of a code editor window titled "test.scss". The editor has a menu bar with "File", "Edit", "Selection", "Find", "View", and "Goto". The code is as follows:

```
1 @for $y from 1 to 4 {  
2   .box-#{ $y } {  
3     width: 300px * $y  
4   }  
5 }
```

CSS

```
1 .box-1 {  
2   width: 300px;  
3 }  
4  
5 .box-2 {  
6   width: 600px;  
7 }  
8  
9 .box-3 {  
10  width: 900px;  
11 }
```

SCSS	CSS
<pre> 1 @each \$social in linkedin, facebook, twitter { 2 .#{\$social}-icon { 3 background-image: url('img/#{\$social}.png'); 4 } 5 } </pre>	<pre> 1 .linkedin-icon { 2 background-image: url("img/linkedin.png"); 3 } 4 5 .facebook-icon { 6 background-image: url("img/facebook.png"); 7 } 8 9 .twitter-icon { 10 background-image: url("img/twitter.png"); 11 } </pre>



```

element {                                     inline
}

.social-link--linkedin {                       social.scss:27
  background-color: #0073B2;
  transition: background-color 0s ease 0s, all 0.5s ease 0s, all 0s ease-in 0s;
  margin: 5px;
  box-shadow: 3px 3px 5px 0px rgba(0, 0, 0, 0.75);
}

.social-link {                                  social.scss:11
  font-family: verdana,arial,Helvetica,sans-serif;
  width: 22.5%;
  height: 42px;
  letter-spacing: 1px;
  line-height: 42px;
  margin-left: 0.3%;
  position: relative;
}

li {                                           social.scss:9
  float: left;
  list-style: outside none none;
}

```



[Toggle Animation](#)

```
13 .one-by-one {  
14   display: inline-block; }  
15 .one-by-one:nth-of-type(1) {  
16   transition-delay: 0s; }  
17 .one-by-one:nth-of-type(2) {  
18   transition-delay: 0.1; }  
19 .one-by-one:nth-of-type(3) {  
20   transition-delay: 0.2s; }  
21 .one-by-one:nth-of-type(4) {  
22   transition-delay: 0.3s; }
```

Chapter 5: Incorporating Sass into Projects



Mastering jQuery

Provide your development skills by integrating them available in jQuery

Alex Libby

PACKT

LEARNING LESSJS

Develop attractive
CSS styles efficiently

READ MORE



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mobile HTML5 system using practical techniques

Alex Libby

PACKT

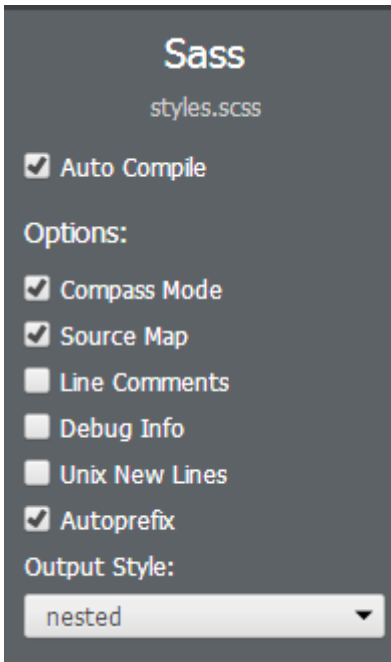


jQuery Tools UI Library

Learn jQuery Tools with clear, practical examples and get
inspiration for developing your own sites with the library

Alex Libby

PACKT



```
Node.js command prompt

c:\wamp\www\48050S\Chapter5>gem install neat
Fetching: thor-0.19.1.gem (100%)
Successfully installed thor-0.19.1
Fetching: bourbon-4.2.3.gem (100%)
Successfully installed bourbon-4.2.3
Fetching: neat-1.7.2.gem (100%)
Successfully installed neat-1.7.2
Parsing documentation for thor-0.19.1
Installing ri documentation for thor-0.19.1
Parsing documentation for bourbon-4.2.3
Installing ri documentation for bourbon-4.2.3
Parsing documentation for neat-1.7.2
Installing ri documentation for neat-1.7.2
Done installing documentation for thor, bourbon, neat after 6 seconds
3 gems installed

c:\wamp\www\48050S\Chapter5>gem install bourbon
Successfully installed bourbon-4.2.3
Parsing documentation for bourbon-4.2.3
Done installing documentation for bourbon after 0 seconds
1 gem installed

c:\wamp\www\48050S\Chapter5>bourbon install
Bourbon files installed to bourbon/

c:\wamp\www\48050S\Chapter5>
c:\wamp\www\48050S\Chapter5>neat install
Neat files installed to neat/

c:\wamp\www\48050S\Chapter5>_
```


Bourbon Neat Examples

file:///C:/wamp/www/48050S/ Search

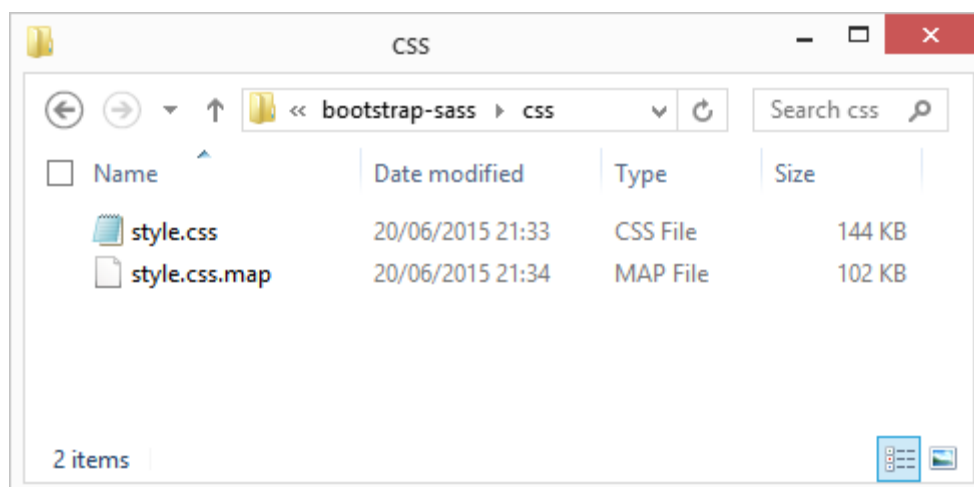
Nesting columns

```
@include outer-container;  
  
@include span-columns(4);  
  
@include span-columns(8);  
  
@include span-columns(4 of 8); @include span-columns(4 of 8);
```

A screenshot of a web browser window titled "Bourbon Neat Examples". The address bar shows a local file path: "file:///C:/wamp/www/48050S/". The browser's navigation bar includes a search field, a star icon, a list icon, a shield icon, a download icon, a home icon, a refresh icon, and a menu icon. The main content area displays a grid layout titled "Nesting columns". The grid is composed of several nested containers. The outermost container is a light blue rectangle. Inside it, there is a darker blue rectangle on the left side, and a medium blue rectangle on the right side. The medium blue rectangle is further divided into two smaller, darker blue rectangles. The code for this layout is displayed in a monospaced font within the grid. The code starts with "@include outer-container;" followed by a blank line. Then, "@include span-columns(4);" is shown on the left side. Below that, "@include span-columns(8);" is shown at the top of the right side. Finally, "@include span-columns(4 of 8);" is shown twice, side-by-side, within the two smaller rectangles on the right. The browser window has a standard Windows-style title bar with minimize, maximize, and close buttons.

```
Node.js command prompt
Your environment has been set up for using Node.js 0.10.24 (x64) and npm.
C:\Users\alex>cd c:\wamp\www\480508\Chapter5\bootstrap-sass
c:\wamp\www\480508\Chapter5\bootstrap-sass>bower install
bower cached      git://github.com/twbs/bootstrap-sass.git#3.3.5
bower validate    3.3.5 against git://github.com/twbs/bootstrap-sass.git#3.3.5
bower cached      git://github.com/jquery/jquery.git#2.1.4
bower validate    2.1.4 against git://github.com/jquery/jquery.git#>= 1.9.0
bower install     bootstrap-sass#3.3.5
bower install     jquery#2.1.4
bootstrap-sass#3.3.5 bower_components\bootstrap-sass
└─ jquery#2.1.4
jquery#2.1.4 bower_components\jquery
c:\wamp\www\480508\Chapter5\bootstrap-sass>
```

```
Node.js command prompt
c:\wamp\www\480508\Chapter5\bootstrap-sass>grunt buildcss
Running "sass:dist" (sass) task
Done, without errors.
c:\wamp\www\480508\Chapter5\bootstrap-sass>
```



Project name

Home

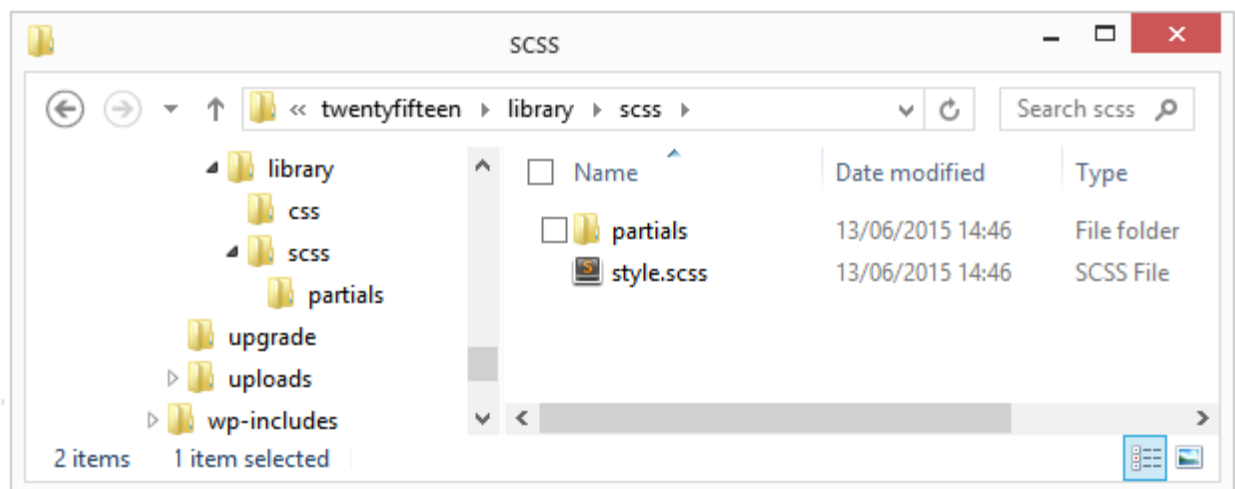
About

Contact

Bootstrap starter template

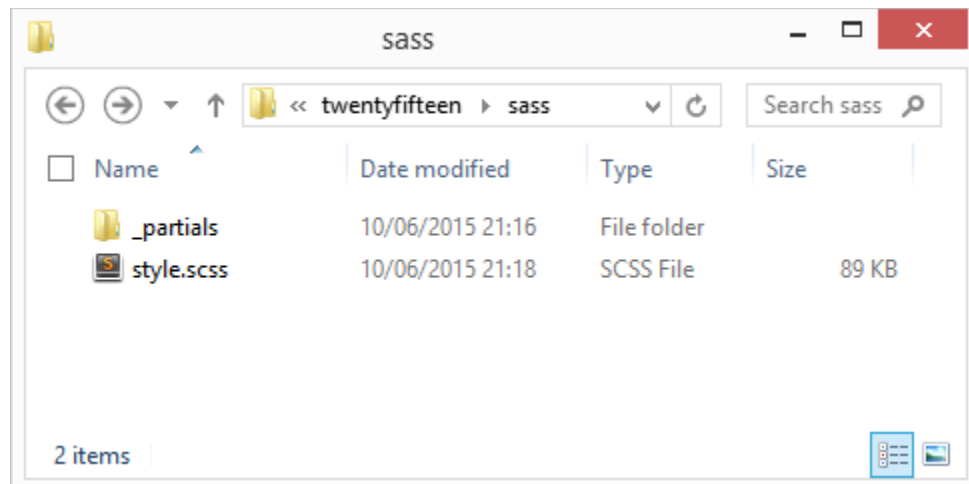
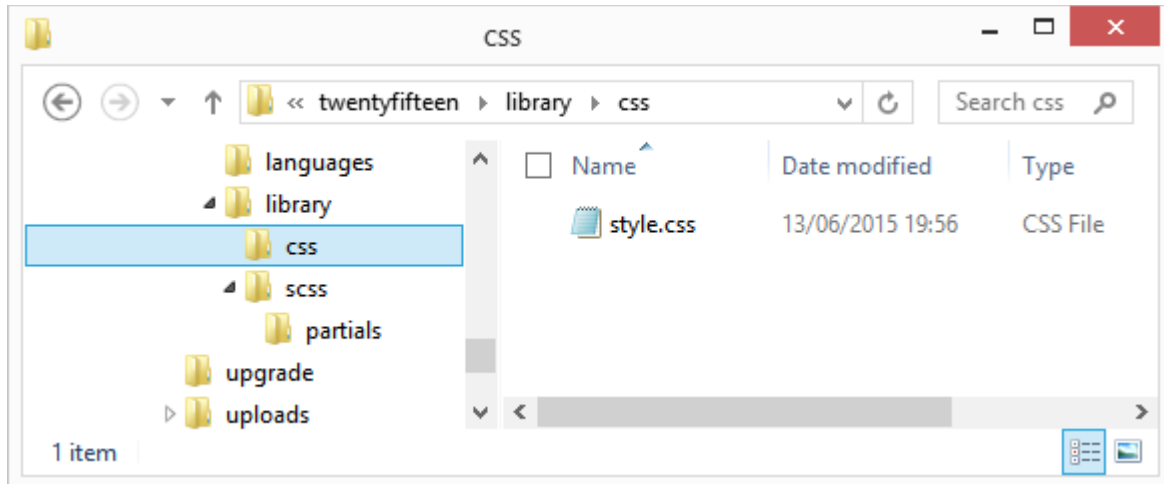
Use this document as a way to quickly start any new project.
All you get is this text and a mostly barebones HTML document.

Icons



WP-SCSS Settings

Wp-Scss requires both directories be specified. [Please update your settings.](#)



```
Node.js command prompt - compass watch --sourcemap
G:\wamp\www\wordpress\wp-content\themes\twentyfifteen>compass watch --sourcemap
>>> Compass is watching for changes. Press Ctrl-C to Stop.
write style.css
write style.css.map
modified sass/style.scss
write style.css
write style.css.map
```

```
1340  * 8.0 Alignments CONVERTED TO SASS
1341  */
1342  /* line 1, sass/_partials/_alignments.scss */
1343  .alignleft {
1344      display: inline;
1345      float: left;
1346  }
1347
1348  /* line 6, sass/_partials/_alignments.scss */
1349  .alignright {
1350      display: inline;
1351      float: right;
1352  }
1353
1354  /* line 11, sass/_partials/_alignments.scss */
1355  .aligncenter {
1356      display: block;
1357      margin-right: auto;
1358      margin-left: auto;
1359  }
1360
```