
Intro to Sass

Women Who Code Workshop



Fiona Chan
@mobywhale



Cathy Lill
@cathyblabla

**Who's had experience with
Sass/CSS pre-processor before?**

What we're covering tonight

6:30pm	Getting started
	Syntax and features
	Debugging
7:15pm-ish	Break
7:30pm	Your turn

Sass = CSS pre-processor

Not SASS

Extends CSS with features

(nested selectors, variables, functions)

Sass **does not help
you write better CSS**

Install Sass

Install Sass

- GUI:
<http://koala-app.com/>
 - Command line:
<http://sass-lang.com/install>
-

Basic **syntax**

Scss

```
nav {  
  ul {  
    margin: 0;  
    padding: 0;  
    list-style: none;  
  }  
  
  li { display: inline-block; }  
  
  a {  
    display: block;  
    padding: 6px 12px;  
    text-decoration: none;  
  }  
}
```

Comment

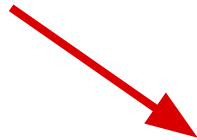
```
1 // This is a Scss comment  
2 // Second line of my amazing comment
```

@import partials

Without Sass, one giant CSS!!!

```
5593 .visible-print {
5594     display: none !important;
5595 }
5596 tr.visible-print {
5597     display: none !important;
5598 }
5599 th.visible-print,
5600 td.visible-print {
5601     display: none !important;
5602 }
5603 @media print {
5604     .visible-print {
5605         display: block !important;
5606     }
5607     tr.visible-print {
5608         display: table-row !important;
5609     }
5610     th.visible-print,
5611     td.visible-print {
5612         display: table-cell !important;
5613     }
5614     .hidden-print {
5615         display: none !important;
5616     }
5617     tr.hidden-print {
5618         display: none !important;
5619     }
5620     th.hidden-print,
5621     td.hidden-print {
5622         display: none !important;
5623     }
5624 }
5625 .fade {
5626     opacity: 0;
5627     -webkit-transition: opacity 0.15s linear;
5628     transition: opacity 0.15s linear;
5629 }
5630 .fade.in {
5631     opacity: 1;
5632 }
5633 .collapse {
5634     display: none;
5635 }
5636 .collapse.in {
5637     display: block;
5638 }
5639 .collapsing {
5640     position: relative;
5641     height: 0;
5642     overflow: hidden;
5643     -webkit-transition: height 0.35s ease;
5644     transition: height 0.35s ease;
5645 }
```

Line 5645



Partials let you split up your CSS
into smaller, more manageable chunks

**Sass compiles all the partials into
a single CSS file in the end**

File naming


- `my-file.scss`


Sass will output `my-file.css`







- `_my-partial.scss`

File name prepended with underscore, Sass won't output any CSS file

@import partials

▼  scss

▼  mixin

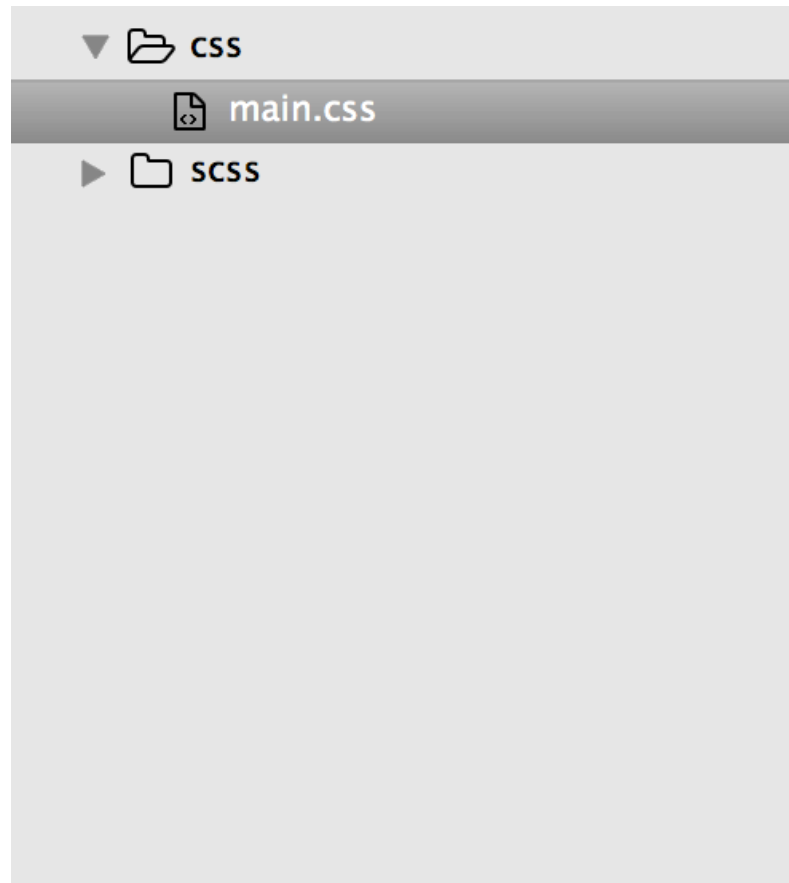
-  _make-box.scss
-  _make-grid.scss
-  _grid.scss
-  _typography.scss
-  _variables.scss
-  main.scss

//main.scss

```
@import 'variables';  
@import 'grid';  
@import 'typography';
```

@import partials

Outputs main.css



\$Variables

Store information you can **re-use throughout your stylesheet**

Scss

```
$grey: #666;

h1 {
  background: $grey;
  margin: 20px 0;
}

p {
  color: $grey;
}
```

CSS

```
h1 {
  background: #666;
  margin: 20px 0;
}

p {
  color: #666;
}
```

Scss

```
$grey: #666;  
$grey: #999;  
  
h1 {  
  background: $grey;  
  margin: 20px 0;  
}  
  
p {  
  color: $grey;  
}
```

CSS

```
h1 {  
  background: #999;  
  margin: 20px 0;  
}  
  
p {  
  color: #999;  
}
```

**You must
declare your variables first
before they can be used**

Nesting

**Nest selectors following the
hierarchy of your DOM elements**

HTML

```
<ul class="nav">
  <li><a href="#">Link 1</a></li>
  <li><a href="#">Link 2</a></li>
  <li><a href="#">Link 3</a></li>
</ul>
```

Scss

```
.nav {
  li {
    margin: 5px;

    a {
      color: #BADA55;
    }
  }
}
```

CSS

```
.nav li {  
  margin: 5px;  
}  
.nav li a {  
  color: #BADA55;  
}
```

Scss

```
.nav {  
  li {  
    margin: 5px;  
  
    a {  
      color: #BADA55;  
    }  
  }  
}
```

HTML

```
<ul class="nav">
  <li><a href="#">Link 1</a></li>
  <li><a href="#">Link 2</a></li>
  <li class="active">
    <a href="#">Link 3</a>
  </li>
</ul>
```

Scss

```
.nav {
  li {
    margin: 5px;

    a {
      color: blue;
    }
  }

  li.active {
    a {
      color: pink;
    }
  }
}
```

& Parent selector

HTML

```
<ul class="nav">
  <li><a href="#">Link 1</a></li>
  <li><a href="#">Link 2</a></li>
  <li class="active">
    <a href="#">Link 3</a>
  </li>
</ul>
```

Scss

```
.nav {
  li {
    margin: 5px;

    a {
      color: blue;
    }

    &.active {
      a {
        color: pink;
      }
    }
  }
}
```


CSS

```
.nav li {  
  margin: 5px;  
}  
.nav li a {  
  color: blue;  
}  
.nav li.active a {  
  color: pink;  
}
```

Scss

```
.nav {  
  li {  
    margin: 5px;  
  
    a {  
      color: blue;  
    }  
  
    &.active {  
      a {  
        color: pink;  
      }  
    }  
  }  
}
```

Scss

```
.nav {  
  li {  
    margin: 5px;  
  
    a {  
      color: blue;  
  
      &:hover,  
      &:focus {  
        color: salmon;  
      }  
    }  
  }  
}
```

CSS

```
.nav li {  
  margin: 5px;  
}  
.nav li a {  
  color: blue;  
}  
.nav li a:hover, .nav li a:focus  
{  
  color: salmon;  
}
```

Nesting is cool!

Scss

```
body {  
  header {  
    background: coffee;  
  
    ul {  
      li {  
        margin: 5px;  
  
        a {  
          color: salmon;  
        }  
      }  
    }  
  }  
}
```

CSS

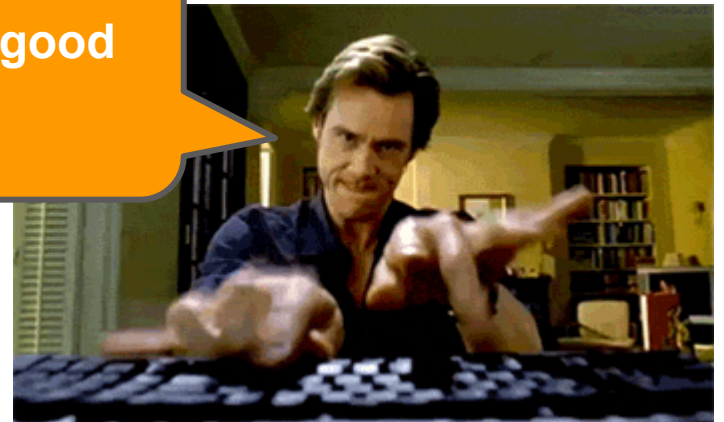
```
body header {  
  background: coffee;  
}  
body header ul li {  
  margin: 5px;  
}  
body header ul li a {  
  color: salmon;  
}
```



Unnecessarily long selector

Don't go nesting **ALL** the
selectors!!!

...but it feels so good
to do that!



Long selectors = High specificity = PAIN!

Scss

```
header {  
  background: coffee;  
}  
  
.header-nav {  
  li {  
    margin: 5px;  
  }  
  
  a {  
    color: salmon;  
  }  
}
```

CSS

```
header {  
  background: coffee;  
}  
  
.header-nav li {  
  margin: 5px;  
}  
  
.header-nav a {  
  color: salmon;  
}
```

@extend

**Allows a selector to
inherit styles of another one**

**Useful when you want to
group common styles together**

Box

Box plain

Box fancy

```
.box {  
  color: orange;  
  padding: 20px;  
  background: #fff;  
  margin-bottom: 20px;  
}  
  
.box-plain {  
  color: orange;  
  padding: 20px;  
  background: #fff;  
  margin-bottom: 20px;  
  
  border: 1px solid #000;  
}  
  
.box-fancy {  
  color: orange;  
  padding: 20px;  
  background: #fff;  
  margin-bottom: 20px;  
  
  box-shadow: 0 0 5px lime;  
}
```

Scss

```
.box {  
  color: orange;  
  padding: 20px;  
  background: #fff;  
  margin-bottom: 20px;  
}  
  
.box-plain {  
  @extend .box;  
  border: 1px solid #000;  
}  
  
.box-fancy {  
  @extend .box;  
  box-shadow: 0 0 5px lime;  
}
```

CSS

```
.box, .box-plain, .box-fancy {  
  color: orange;  
  padding: 20px;  
  background: #fff;  
  margin-bottom: 20px;  
}  
  
.box-plain {  
  border: 1px solid #000;  
}  
  
.box-fancy {  
  box-shadow: 0 0 5px lime;  
}
```

**Beware: `@extend` will extend all
instances of that selector**

Scss

```
.box {  
  color: orange;  
  padding: 20px;  
  background: #fff;  
  margin-bottom: 20px;  
}  
  
.box-plain {  
  @extend .box;  
  border: 1px solid #000;  
}  
  
.box-fancy {  
  @extend .box;  
  box-shadow: 0 0 5px lime;  
}  
  
aside .panel .box {  
  background: purple;  
}  
  
header .box {  
  background: blue;  
}
```

CSS

```
.box, .box-plain, .box-fancy {  
  color: orange;  
  padding: 20px;  
  background: #fff;  
  margin-bottom: 20px;  
}
```

```
.box-plain {  
  border: 1px solid #000;  
}
```

```
.box-fancy {  
  box-shadow: 0 0 5px lime;  
}
```

```
aside .panel .box, aside .panel .box-plain, aside .  
.box-fancy {  
  background: purple;  
}
```

```
header .box, header .box-plain, header .box-fancy {  
  background: blue;  
}
```

Uh oh...
what is this???



%Placeholder selector

Scss

```
%box {  
  color: orange;  
  padding: 20px;  
  background: #fff;  
  margin-bottom: 20px;  
}  
  
.box-plain {  
  @extend %box;  
  border: 1px solid #000;  
}  
  
.box-fancy {  
  @extend %box;  
  box-shadow: 0 0 5px lime;  
}  
  
aside .panel .box {  
  @extend %box;  
  background: purple;  
}  
  
header .box {  
  @extend %box;  
  background: blue;  
}
```

CSS

```
.box-plain, .box-fancy, aside .panel .box,  
header .box {  
  color: orange;  
  padding: 20px;  
  background: #fff;  
  margin-bottom: 20px;  
}  
  
.box-plain {  
  border: 1px solid #000;  
}  
  
.box-fancy {  
  box-shadow: 0 0 5px lime;  
}  
  
aside .panel .box {  
  background: purple;  
}  
  
header .box {  
  background: blue;  
}
```

Mixin

**An abstraction of a common
pattern into reusable snippets**

Scss

```
@mixin clearfix() {  
  &:before,  
  &:after {  
    content: "";  
    display: table;  
  }  
  
  &:after {  
    clear: both;  
  }  
}  
  
.row {  
  @include clearfix();  
}  
  
.nav {  
  @include clearfix();  
}
```

CSS

```
.row:before, .row:after {  
  content: "";  
  display: table;  
}  
.row:after {  
  clear: both;  
}  
  
.nav:before, .nav:after {  
  content: "";  
  display: table;  
}  
.nav:after {  
  clear: both;  
}
```

Can also pass in arguments

Scss

```
@mixin rotate($deg) {  
  -webkit-transform: rotate($deg);  
  -moz-transform: rotate($deg);  
  transform: rotate($deg);  
}  
  
.box {  
  @include rotate(45deg);  
}
```

CSS

```
.box {  
  -webkit-transform: rotate(45deg);  
  -moz-transform: rotate(45deg);  
  transform: rotate(45deg);  
}
```

Scss

```
@mixin breakpoint($size) {  
  @if $size == small {  
    @media (min-width: 20em) { @content; }  
  }  
  @else if $size == medium {  
    @media (min-width: 37.5em) { @content; }  
  }  
  @else if $size == large {  
    @media (min-width: 65.25em) { @content; }  
  }  
}  
  
header {  
  @include breakpoint(medium) {width: 50%;}  
}
```

CSS

```
@media (min-width: 37.5em) {  
  header {  
    width: 50%;  
  }  
}
```


Existing library

- Compass
<http://compass-style.org/>
 - Bourbon
<http://bourbon.io/>
-

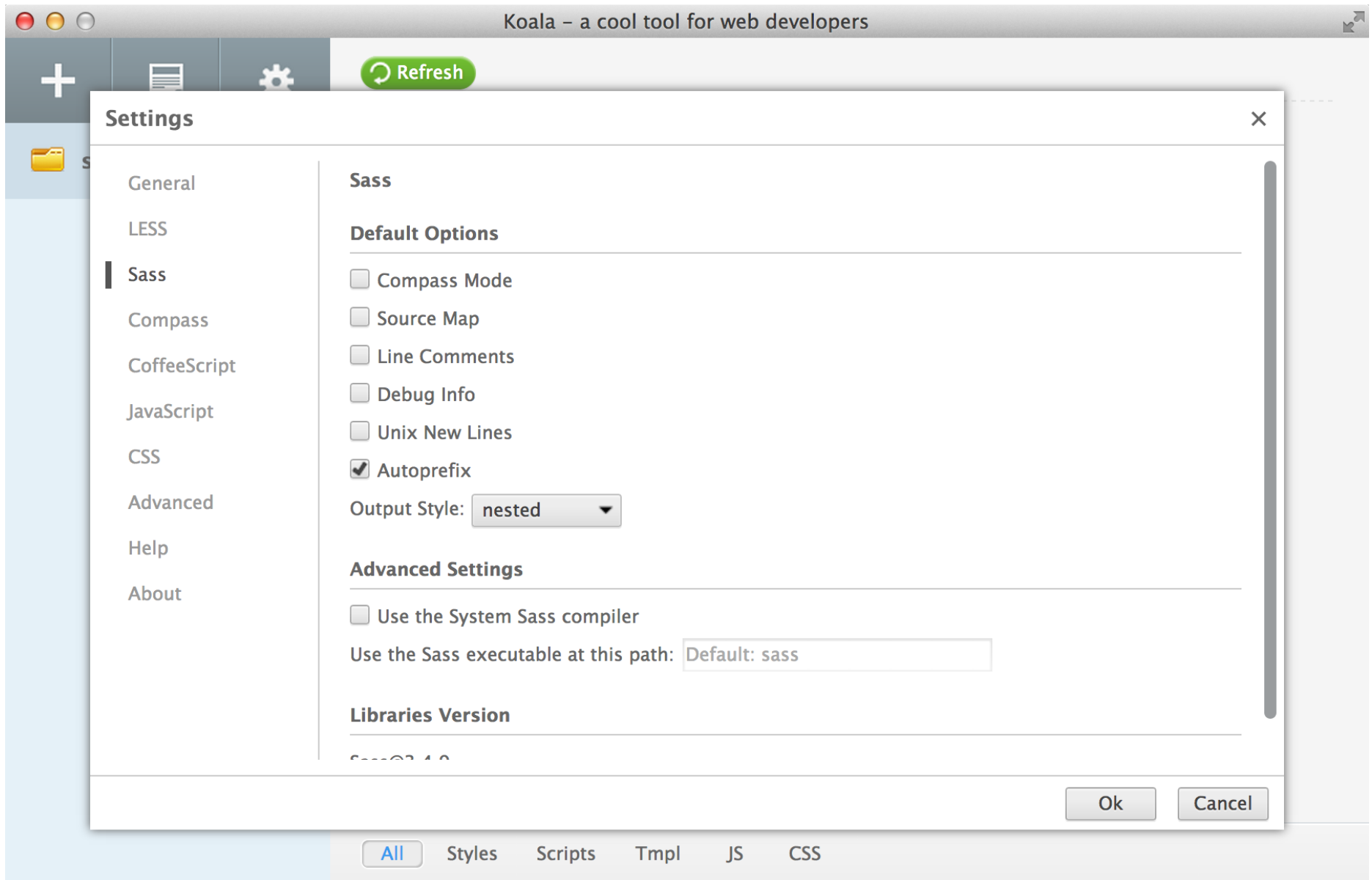
Compass or Bourbon?

	Compass	Bourbon
Prefixes	yep (from <i>Can I Use...</i>)	yep
Typography	good	decent (good with Bitters)
Grid	nope	with Neat
Helpers	yep	yep + Bitters
Sprites	yep	nope
Community	excellent	very good
Weight	heavy	lightweight

Just vendor prefixing?
Check out Autoprefixer

<https://github.com/postcss/autoprefixer>

Easy peasy in Koala!



Mixin **vs** Placeholder

Remember this example?

```
@mixin clearfix() {  
  &:before,  
  &:after {  
    content: "";  
    display: table;  
  }  
  
  &:after {  
    clear: both;  
  }  
}  
  
.row {  
  @include clearfix();  
}  
  
.nav {  
  @include clearfix();  
}
```

```
.row:before, .row:after {  
  content: "";  
  display: table;  
}  
.row:after {  
  clear: both;  
}  
  
.nav:before, .nav:after {  
  content: "";  
  display: table;  
}  
.nav:after {  
  clear: both;  
}
```

**Let's try the same thing with
placeholder selector**

Scss

```
%clearfix {  
  &:before,  
  &:after {  
    content: "";  
    display: table;  
  }  
  
  &:after {  
    clear: both;  
  }  
}  
  
.row {  
  @extend %clearfix;  
}  
  
.nav {  
  @extend %clearfix;  
}
```

CSS

```
.row:before, .nav:before, .row:after,  
.nav:after {  
  content: "";  
  display: table;  
}  
  
.row:after, .nav:after {  
  clear: both;  
}
```


Using mixin

```
.row:before, .row:after {  
  content: "";  
  display: table;  
}  
.row:after {  
  clear: both;  
}  
  
.nav:before, .nav:after {  
  content: "";  
  display: table;  
}  
.nav:after {  
  clear: both;  
}
```

Using placeholder

```
.row:before, .nav:before, .row:after,  
.nav:after {  
  content: "";  
  display: table;  
}  
.row:after, .nav:after {  
  clear: both;  
}
```

@function

Similar to a mixin, but the output from a function is **a single value**

- numbers, strings, colors, booleans, or lists

Scss

```
@function percentage($target, $container) {  
  @return (($target / $container) * 100%)  
}
```

```
.main {  
  width: percentage(800px, 1000px);  
}
```

CSS

```
.main {  
  width: 80%;  
}
```

Built-in Sass functions

```
lighten($color, $amount);  
darken($color, $amount);  
saturate($color, $amount);  
invert($color, $amount);
```

Sass control directives

@if

@for

@each

@while



Debugging

@debug

Scss

```
$variable: blue;
```

```
$variable: red;
```

```
@debug $variable;
```

Console

```
>>> Change detected at 23:10:00 to: screen.scss  
/Users/fionachan/Documents/Work/Sass workshop/sass-  
workshop/sass/screen.scss:11 DEBUG: red
```

Source map

Shows you which line in the **pre-compiled Sass
the CSS is from**

Hello!



Elements Network Sources Timeline Profiles Resources Audits Console SnappySnippet

Styles Computed Event Listeners DOM Breakpoints Properties

```
<!DOCTYPE html>
<html lang="en">
  <head>...</head>
  <!--
    Hello! Thank you for checking out
  -->
  <body data-pinterest-extension-installed="true">
    <div class="content">
      <div class="container">
        <header role="banner">...</header>
        <main role="main">
          <!-- Show last 5 posts here -->
          <div class="articles">
            <article>...</article>
            <article>
              <header>
                <time class="type-muted" datetime="2014-09-09">
                  <a href="/2014/09/its-not-a-party-until-you-sing">
                    </a>
                  </h2>
                </h2>
              </header>
            </article>
          </div>
        </main>
      </div>
    </body>
  </html>
```

element.style {
}

html {
 height: 100%;
 padding-top: 15px;
 background-color: #b8e9eb;
 background-image: linear-gradient(-45deg, #7cd7da 25%, transparent 25%, transparent 50%, #7cd7da 50%, #7cd7da 75%, transparent 75%, transparent);
 background-size: 40px 40px;
}

html, button, input, select, textarea {
 font-family: sans-serif;
}

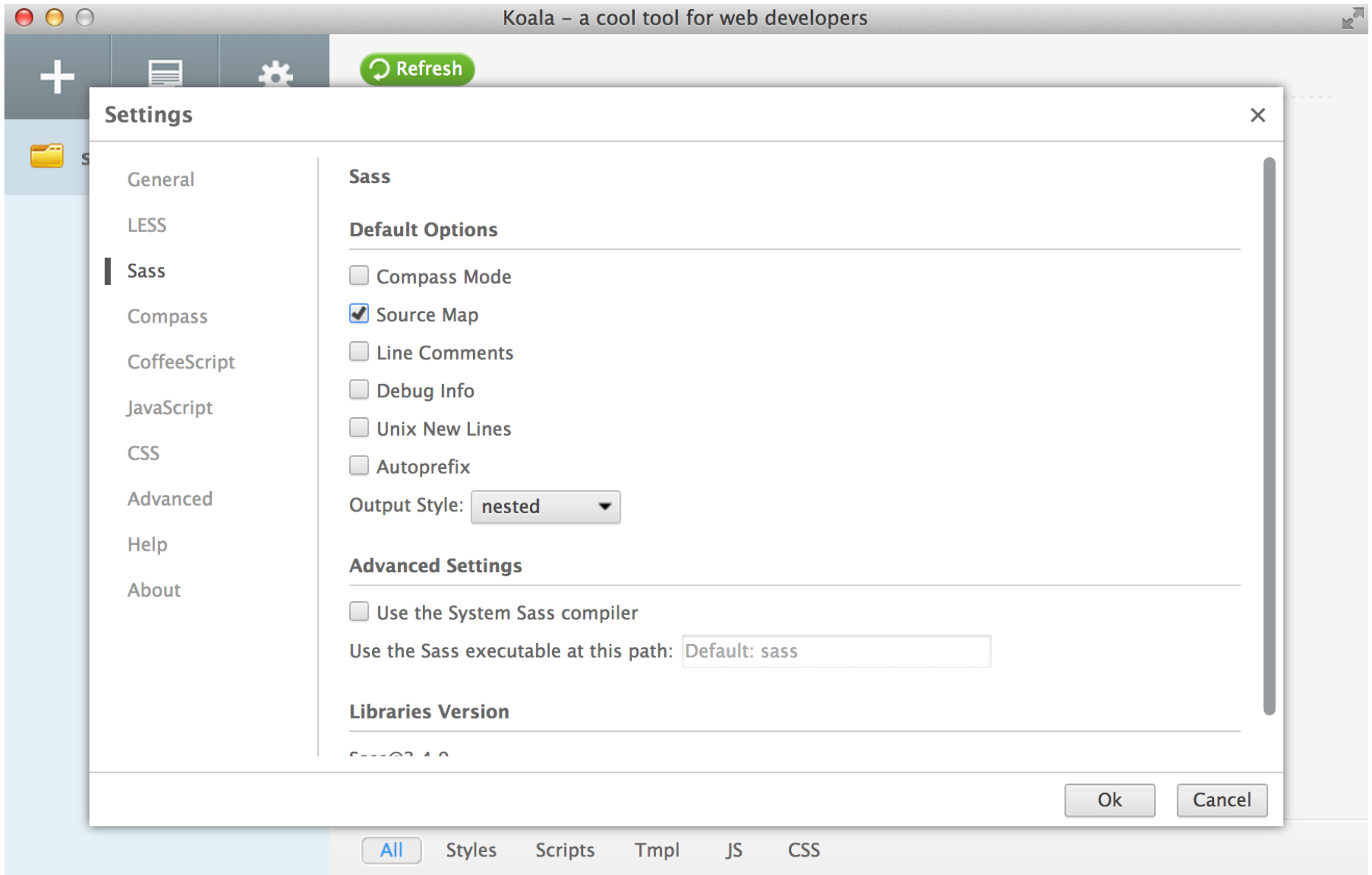
html {
 background: #fff;
 color: #000;
 ~~webkit-text-size-adjust: 100%;~~
 ~~ms-text-size-adjust: 100%;~~
}

template.scss:4

normalize.scss:109

normalize.scss:97

Koala makes it so easy



Enabled by default in Chrome Developer Tool

Settings

General

General

Workspace

Shortcuts

- ☒ Disable cache (while DevTools is open)
- ☐ Disable JavaScript

Appearance

- ☒ Split panels vertically when docked to right
- ☐ Enable Cmd + 1-9 shortcut to switch panels
- ☐ Don't show emulation warnings

Elements

Color format: As authored

Sources

- ☐ Search in content scripts
- ☒ Enable JavaScript source maps
- ☒ Detect indentation
- ☒ Autocompletion
- ☒ Bracket matching
- ☐ Show whitespace characters
- ☒ Enable CSS source maps
- ☐ Auto-reload generated CSS



Enable Source map in command line:

Compiling with Sass

```
sass sass/screen.scss:stylesheets/screen.css --sourcemap
```

<http://thesassway.com/intermediate/using-source-maps-with-sass>

Few rules to remember

1. Inception rule

Don't nest more than 3 levels deep

2. **Always** check your output CSS

Otherwise...

```
1 .lrm_widget.lrm_association .lrm_btn_drag.lrm_valid.lrm_disabled:after,
2 .lrm_widget.lrm_association .lrm_btn_drag.lrm_valid[disabled]:after,
3 .lrm_widget.lrm_association .lrm_btn_drag.lrm_correct.lrm_disabled:after,
4 .lrm_widget.lrm_association .lrm_btn_drag.lrm_correct[disabled]:after,
5 .lrm_widget.lrm_association .lrm_btn_drag.lrm_incorrect.lrm_disabled:after,
6 .lrm_widget.lrm_association .lrm_btn_drag.lrm_incorrect[disabled]:after,
7 .lrm_widget.lrm_association .lrm_btn_sort.lrm_valid.lrm_disabled:after,
8 .lrm_widget.lrm_association .lrm_btn_sort.lrm_valid[disabled]:after,
9 .lrm_widget.lrm_association .lrm_btn_sort.lrm_correct.lrm_disabled:after,
10 .lrm_widget.lrm_association .lrm_btn_sort.lrm_correct[disabled]:after,
11 .lrm_widget.lrm_association .lrm_btn_sort.lrm_incorrect.lrm_disabled:after,
12 .lrm_widget.lrm_association .lrm_btn_sort.lrm_incorrect[disabled]:after,
13 .lrm_widget.lrm_clozeassociation .lrm_btn_drag.lrm_valid.lrm_disabled:after,
14 .lrm_widget.lrm_clozeassociation .lrm_btn_drag.lrm_valid[disabled]:after,
15 .lrm_widget.lrm_clozeassociation .lrm_btn_drag.lrm_correct.lrm_disabled:after,
16 .lrm_widget.lrm_clozeassociation .lrm_btn_drag.lrm_correct[disabled]:after,
17 .lrm_widget.lrm_clozeassociation .lrm_btn_drag.lrm_incorrect.lrm_disabled:after,
18 .lrm_widget.lrm_clozeassociation .lrm_btn_drag.lrm_incorrect[disabled]:after,
19 .lrm_widget.lrm_clozeassociation .lrm_btn_sort.lrm_valid.lrm_disabled:after,
20 .lrm_widget.lrm_clozeassociation .lrm_btn_sort.lrm_valid[disabled]:after,
21 .lrm_widget.lrm_clozeassociation .lrm_btn_sort.lrm_correct.lrm_disabled:after,
22 .lrm_widget.lrm_clozeassociation .lrm_btn_sort.lrm_correct[disabled]:after,
23 .lrm_widget.lrm_clozeassociation .lrm_btn_sort.lrm_incorrect.lrm_disabled:after,
24 .lrm_widget.lrm_clozeassociation .lrm_btn_sort.lrm_incorrect[disabled]:after,
25 .lrm_widget.lrm_imageclozeassociation .lrm_btn_drag.lrm_valid.lrm_disabled:after,
26 .lrm_widget.lrm_imageclozeassociation .lrm_btn_drag.lrm_valid[disabled]:after,
27 .lrm_widget.lrm_imageclozeassociation .lrm_btn_drag.lrm_correct.lrm_disabled:after,
28 .lrm_widget.lrm_imageclozeassociation .lrm_btn_drag.lrm_correct[disabled]:after,
29 .lrm_widget.lrm_imageclozeassociation .lrm_btn_drag.lrm_incorrect.lrm_disabled:after,
30 .lrm_widget.lrm_imageclozeassociation .lrm_btn_drag.lrm_incorrect[disabled]:after,
31 .lrm_widget.lrm_imageclozeassociation .lrm_btn_sort.lrm_valid.lrm_disabled:after,
32 .lrm_widget.lrm_imageclozeassociation .lrm_btn_sort.lrm_valid[disabled]:after,
33 .lrm_widget.lrm_imageclozeassociation .lrm_btn_sort.lrm_correct.lrm_disabled:after,
34 .lrm_widget.lrm_imageclozeassociation .lrm_btn_sort.lrm_correct[disabled]:after,
35 .lrm_widget.lrm_imageclozeassociation .lrm_btn_sort.lrm_incorrect.lrm_disabled:after,
36 .lrm_widget.lrm_imageclozeassociation .lrm_btn_sort.lrm_incorrect[disabled]:after,
37 .lrm_widget.lrm_orderlist .lrm_btn_drag.lrm_valid.lrm_disabled:after,
38 .lrm_widget.lrm_orderlist .lrm_btn_drag.lrm_valid[disabled]:after,
39 .lrm_widget.lrm_orderlist .lrm_btn_drag.lrm_correct.lrm_disabled:after,
40 .lrm_widget.lrm_orderlist .lrm_btn_drag.lrm_correct[disabled]:after,
41 .lrm_widget.lrm_orderlist .lrm_btn_drag.lrm_incorrect.lrm_disabled:after,
42 .lrm_widget.lrm_orderlist .lrm_btn_drag.lrm_incorrect[disabled]:after,
43 .lrm_widget.lrm_orderlist .lrm_btn_sort.lrm_valid.lrm_disabled:after,
44 .lrm_widget.lrm_orderlist .lrm_btn_sort.lrm_valid[disabled]:after,
45 .lrm_widget.lrm_orderlist .lrm_btn_sort.lrm_correct.lrm_disabled:after,
46 .lrm_widget.lrm_orderlist .lrm_btn_sort.lrm_correct[disabled]:after,
47 .lrm_widget.lrm_orderlist .lrm_btn_sort.lrm_incorrect.lrm_disabled:after,
48 .lrm_widget.lrm_orderlist .lrm_btn_sort.lrm_incorrect[disabled]:after,
49 .lrm_widget.lrm_classification .lrm_btn_drag.lrm_valid.lrm_disabled:after,
50 .lrm_widget.lrm_classification .lrm_btn_drag.lrm_valid[disabled]:after,
51 .lrm_widget.lrm_classification .lrm_btn_drag.lrm_correct.lrm_disabled:after,
52 .lrm_widget.lrm_classification .lrm_btn_drag.lrm_correct[disabled]:after,
53 .lrm_widget.lrm_classification .lrm_btn_drag.lrm_incorrect.lrm_disabled:after,
54 .lrm_widget.lrm_classification .lrm_btn_drag.lrm_incorrect[disabled]:after,
55 .lrm_widget.lrm_classification .lrm_btn_sort.lrm_valid.lrm_disabled:after,
56 .lrm_widget.lrm_classification .lrm_btn_sort.lrm_valid[disabled]:after,
57 .lrm_widget.lrm_classification .lrm_btn_sort.lrm_correct.lrm_disabled:after,
58 .lrm_widget.lrm_classification .lrm_btn_sort.lrm_correct[disabled]:after,
59 .lrm_widget.lrm_classification .lrm_btn_sort.lrm_incorrect.lrm_disabled:after,
60 .lrm_widget.lrm_classification .lrm_btn_sort.lrm_incorrect[disabled]:after,
61 .lrm_widget.lrm_sortlist .lrm_btn_drag.lrm_valid.lrm_disabled:after,
62 .lrm_widget.lrm_sortlist .lrm_btn_drag.lrm_valid[disabled]:after,
63 .lrm_widget.lrm_sortlist .lrm_btn_drag.lrm_correct.lrm_disabled:after,
64 .lrm_widget.lrm_sortlist .lrm_btn_drag.lrm_correct[disabled]:after,
65 .lrm_widget.lrm_sortlist .lrm_btn_drag.lrm_incorrect.lrm_disabled:after,
66 .lrm_widget.lrm_sortlist .lrm_btn_drag.lrm_incorrect[disabled]:after,
67 .lrm_widget.lrm_sortlist .lrm_btn_sort.lrm_valid.lrm_disabled:after,
68 .lrm_widget.lrm_sortlist .lrm_btn_sort.lrm_valid[disabled]:after,
69 .lrm_widget.lrm_sortlist .lrm_btn_sort.lrm_correct.lrm_disabled:after,
70 .lrm_widget.lrm_sortlist .lrm_btn_sort.lrm_correct[disabled]:after,
71 .lrm_widget.lrm_sortlist .lrm_btn_sort.lrm_incorrect.lrm_disabled:after,
72 .lrm_widget.lrm_sortlist .lrm_btn_sort.lrm_incorrect[disabled]:after {
73     filter: progid:DXImageTransform.Microsoft.Alpha(Opacity=100); opacity: 1;
74 }
```

3. Keep it **simple**

You don't have to use all the power
Sass gives you

4. You're still writing **CSS** at the end of the day

Sass is just a tool to help you

Resources

- Official Sass doc

<http://sass-lang.com>

- Great beginners - advanced Sass articles

<http://thesassway.com/>

- A set of Sass guidelines

<http://sass-guidelin.es/>

Thank you for listening :)
