  **Syntactically Awesome Style Sheets**

**What is SASS?**

<http://alistapart.com/article/why-sass>

Read Elevator Pitch and What is SASS

<http://sass-lang.com/>

<http://sass-lang.com/documentation/file.SASS_REFERENCE.html>

<http://sass-lang.com/guide>

**What about LESS?**

<http://www.hongkiat.com/blog/sass-vs-less/>

Better Nesting with SASS allowing us to also nest individual properties -> see nesting…

Mixins And Selector Inheritance

**SASS setup for Visual Studio**

1. Install latest update for Visual Studio that contains SASS support
   1. <http://www.microsoft.com/en-us/download/details.aspx?id=44921>
2. Install SASS compiler for Visual Studio
   1. <https://visualstudiogallery.msdn.microsoft.com/2b96d16a-c986-4501-8f97-8008f9db141a>
   2. VS Mindscape -> Web Workbench settings to configure where SASS files get installed

**Organizing SASS Style Sheets in Visual Studio**

<https://blog.mariusschulz.com/2014/11/16/working-with-sass-stylesheets-in-asp-net-mvc-applications-and-visual-studio>

**Setting up LiveReload for Visual Studio**

1. Add LiveReload 2.0.9 extension to Chrome
   1. make sure check "allow access to file URLs"
2. use <http://nitoyon.github.io/livereloadx/>
   1. follow the instructions -> "Install" and "How does this work"
3. Run in the command line something like the following (reference -> <http://tech.nitoyon.com/en/blog/2013/03/25/livereloadx0-2-0/> )
   1. CMD -> livereloadx --include "\*.cshtml" C:\SVN\SuretyTrust.All\trunk\SuretyTrust

**NOTE** don't need to do this (include scss) because it is looking for css not scss

also, images and css get updated without the page refreshing see -> http://nitoyon.github.io/livereloadx/

livereloadx --include "\*.{cshtml,scss}" C:\SVN\SuretyTrust.All\trunk\SuretyTrust

**NOTE:** for livereload to work you have to have the page selected in the browser and hit the livereload icon so that the dot in the middle is solid black

**How To Setup A Sublime Text Like Environment In Visual Studio**

With the razor page already open, open the scss file for the the razor page -> right click file tab in VS -> Select New Vertical Tab Group

                If you don’t see that option, then go to Window menu tab and select “New Window” then right click that file tab for “New Vertical Tab Group”

**Helpful Links:**

Working with Sass Stylesheets in ASP.NET MVC Applications and Visual Studio

<https://blog.mariusschulz.com/2014/11/16/working-with-sass-stylesheets-in-asp-net-mvc-applications-and-visual-studio>

CSS clean-up tool

<https://addons.mozilla.org/en-US/firefox/addon/dust-me-selectors/>

CSS source maps

<https://developer.chrome.com/devtools/docs/css-preprocessors>

SASS fiddler

<http://sassmeister.com/>