

The Modular Grid: A Chrome Extension (in beta)

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Links (if you'd like to follow along)

Slides <http://bit.ly/github-tmgp>

Extension <http://bit.ly/github-tmgs>

Demo [Folder](#)

I'll show these links again at the end of the talk.



- I'm Roy
- I teach web programming and design
- I sometimes work in the private sector

Agenda

1. Who the target audience is for this talk/demo
2. What is The Modular Grid
3. How to install it
4. How to use it with Sass
5. Do a demo
6. Q & A

Who's The Target Audience?

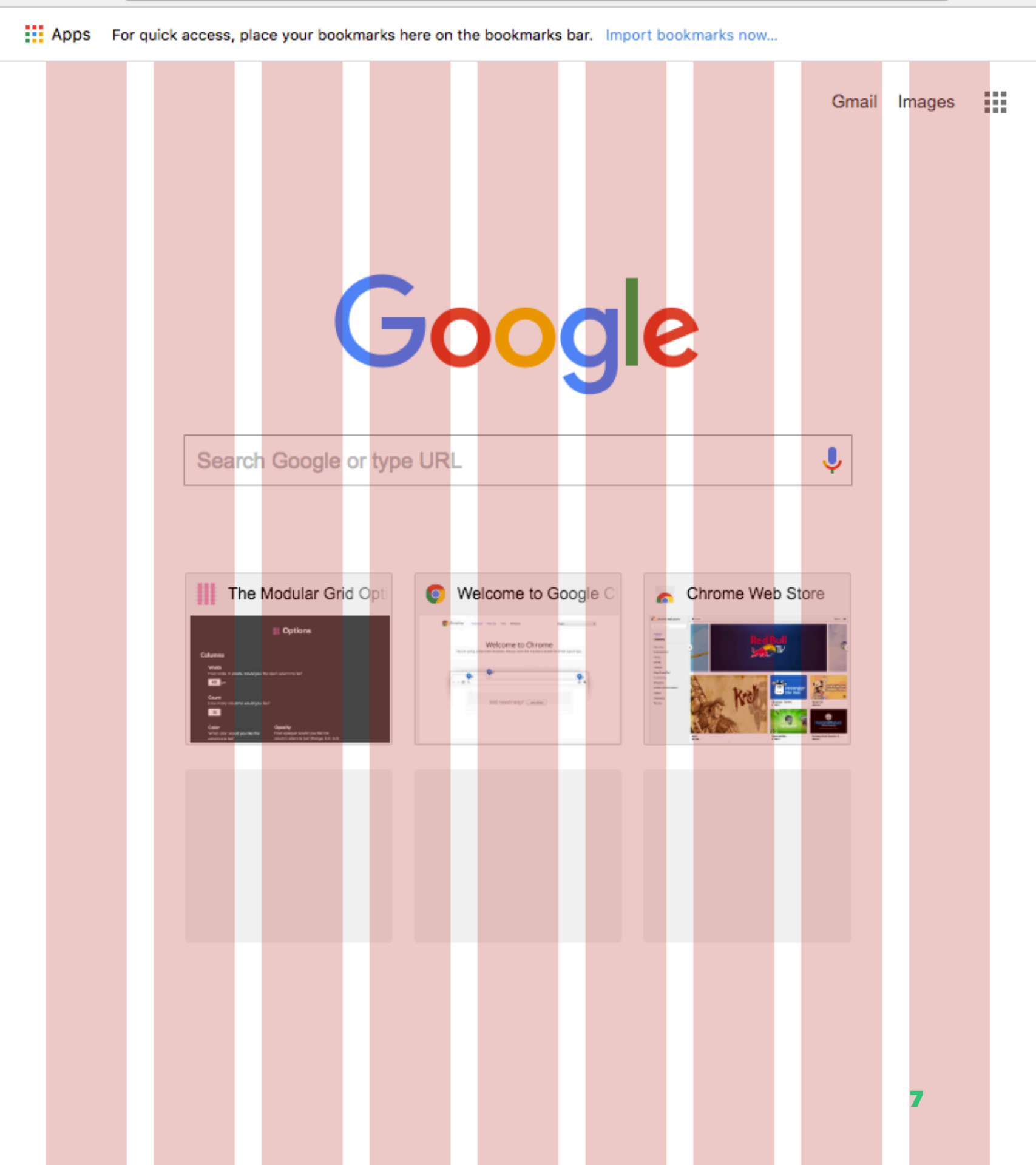
- Web developers with a knowledge of Sass (or other CSS preprocessor) who are looking for near-perfect pixel translations of comprehensive designs, or comps
- Web designers who want to verify work done by the web dev team

What is The Modular Grid?

It's a Chrome extension (in beta) that overlays a column grid, baseline (or leading) grid, and a modular grid over web pages.

A Column Grid

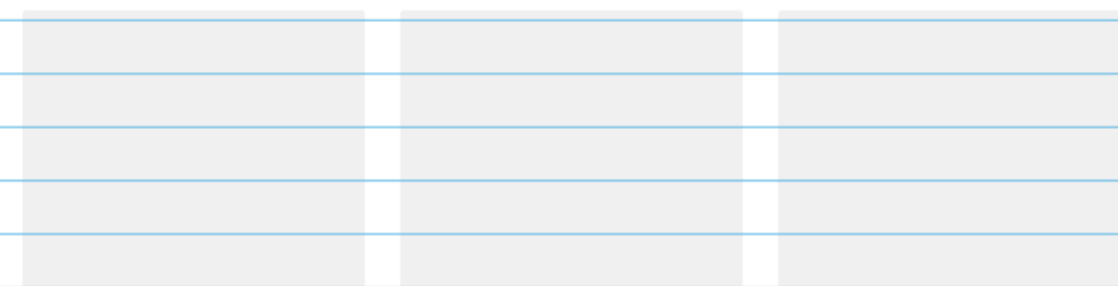
What is The Modular Grid?



A Baseline – or Leading – Grid

Google

Search Google or type URL



A Modular Grid

What is The Modular Grid?

Apps For quick access, place your bookmarks here on the bookmarks bar. [Import bookmarks now...](#)

Gmail Images

Google

Search Google or type URL



The Current Options Include

- Defining the width of each column
- Defining the amount of columns
- Defining the color of the column
- Defining the column color's opacity
- Defining the width of each gutter
- Defining whether the user wants split gutters
- Defining the color of the baseline
- Defining the distance between baselines (leading)

Installation

There are two ways to install the extension:

- [Via the GitHub Desktop Client](#)
- [Via the command line](#)

GitHub Desktop Install

<https://github.com/code-warrior/the-modular-grid#github-desktop-installation>

CLI Install

<https://github.com/code-warrior/the-modular-grid#command-line-installation>

Using the Extension with Sass

I configure Sass for use with the extension as follows:

1. A reset CSS document
2. A handful of variables
3. A simple scaffold to hold everything together

Reset CSS

First, in order to achieve optimal precision, I use a modified version of Eric Meyer's Reset CSS to reset all styling coming from the browser:

<https://github.com/code-warrior/reset-css>

Reset CSS

This reset document is included as a partial in `main.scss`.

```
@import 'reset-css';
```


Sass Variables

Now the variables.

Sass Variables

Let's use 60 pixels for the column, but, of course, you can define your own pixel width for columns:

```
$grid--column-width: 60px;
```

Sass Variables

And 20 pixels – or a third of a column – for the gutter:

```
$grid--column-width: 60px;  
$grid--gutter-width: 20px; // or ($grid--column-width / 3)
```

Sass Variables

A grid unit is defined as a column plus a gutter:

```
$grid--column-width: 60px;  
$grid--gutter-width: 20px; // or ($grid--column-width / 3)  
$grid--unit: ($grid--column-width + $grid--gutter-width); // 80 pixels
```

Sass Variables

We'll set leading (or baseline distance) to 24 pixels:

```
$grid--column-width: 60px;  
$grid--gutter-width: 20px; // or ($grid--column-width / 3)  
$grid--unit: ($grid--column-width + $grid--gutter-width); // 80 pixels  
$grid--leading: 24px;
```

Sass Variables

And all the variables can go in `_grid-variables.scss` or as a subset of the variables in `_variables.scss`.

Sass Variables

Now main.scss looks like:

```
@import 'reset-css';  
@import 'grid-variables';
```

And we're ready.

Demo Time



Suggestions

Any ideas or suggestions?

Submit an [issue via GitHub](#), using the suggestion label, in addition to any other appropriate label.

What Else is Out There?

- [Susy](#)
- [W3C CSS Grid Layout Module](#)
- [960 Grid System](#)
- [The Bootstrap Grid Chrome extension](#)
- [The eBay Design Grid Overlay Chrome extension](#)



Q

&X

A

Links

Extension <http://bit.ly/github-tmng>

GitHub <http://bit.ly/github-cw>

Twitter <http://bit.ly/twitter-rv>

This deck <http://bit.ly/github-tmgrp>

credits

Demo Time GIF: <https://giphy.com/gifs/2iD7ptAltEgyk/>

Thank You GIF: <https://giphy.com/gifs/86nJuFHH25Uu4/>