

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-tmng>

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?

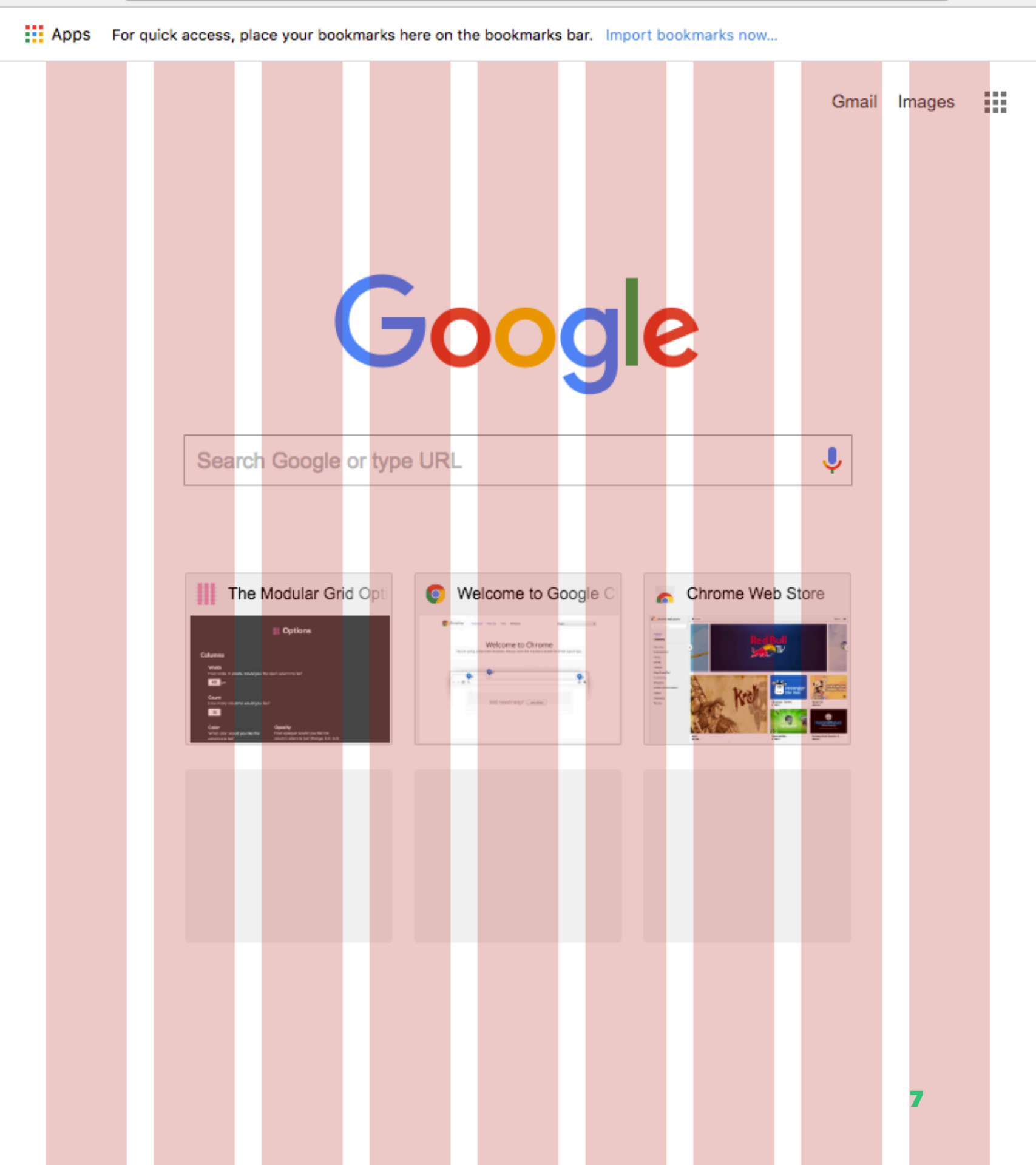
- Web developers looking for near-perfect pixel translations of design comps
- Web developers with a basic understanding of Sass
- Web designers who want to verify work done by the web dev team

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



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

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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](#)

CLI Install

I'll discuss installation via the command line.

CLI Install Steps

1. `git clone git@github.com:code-warrior/the-modular-grid`
2. Launch Chrome and bring up the extensions page: `chrome://extensions`
3. Locate the `the-modular-grid` folder created in step 1.
4. Drag the extension folder over the Chrome Extensions window.

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:

```
$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-tmg>

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

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

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

credits

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

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