

Material Design for the Web

Stephen Thomas, Intellum

<https://swipe.to/7390gm>

What is Material Design?


- A visual language
- Based on *physical material* as a metaphor
- That provides a unified design for Google products

Material Design Qualities


- Big, bold, bright colors
- Depth from (simulated) three dimensions
 - Shading, shadows, and lighting
 - Motion and animation
 - Consistent with the *material* metaphor

●●●○ AT&T 3:07 PM 89%


Hangouts




Chip Ramsey
You were in a call with Chi




Florent Guilleux
You were in a call with Flo




Mark Starkman
You were in a call with Ma






Florent, Chris, Jon, Rod
You were in a call



Florent Guilleux
You were in a call with Flo



Mark, Florent, Chris, Bo
You were in a call



●●●○ AT&T 3:08 PM 89%

February 14

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29					

17
Wed

Chris J. - Tier 2 Support (Day 3/7)

Steve @ devnexus

Audrey OOO (Day 1/3)

18
Thu

Chris J. - Tier 2 Support (Day 4/7)

Audrey OOO (Day 2/3)

●●●○ AT&T 3:09 PM 89%

Inbox

Yesterday

se has posted a new a...

e to Intellum | Feb 13 Goo...

GH issues


ey, Florent 4

the secret! 2016-02-11 16:...

more testers

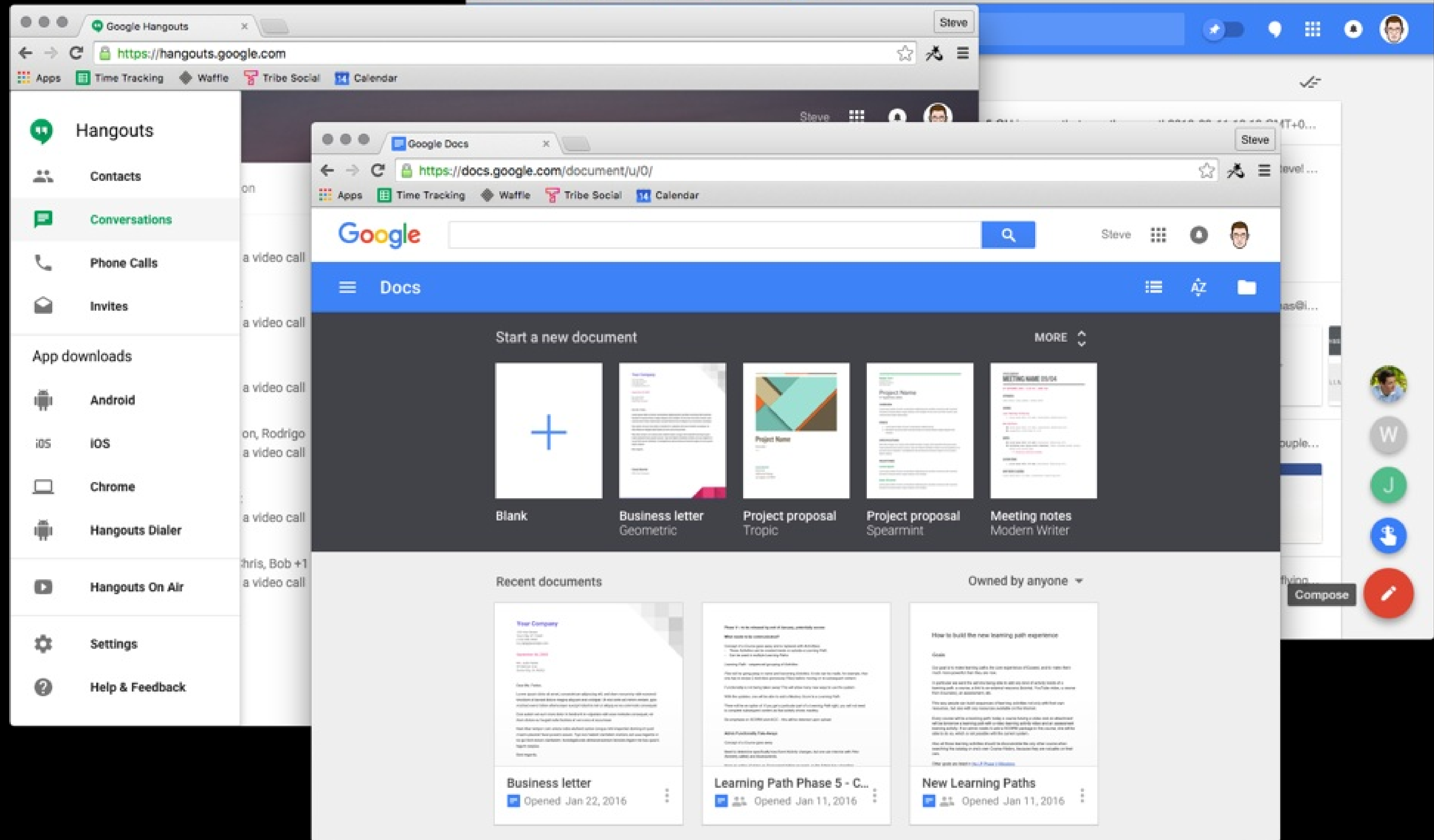
ne, Chip 9

e. Very exciting! Great wor...



Updates

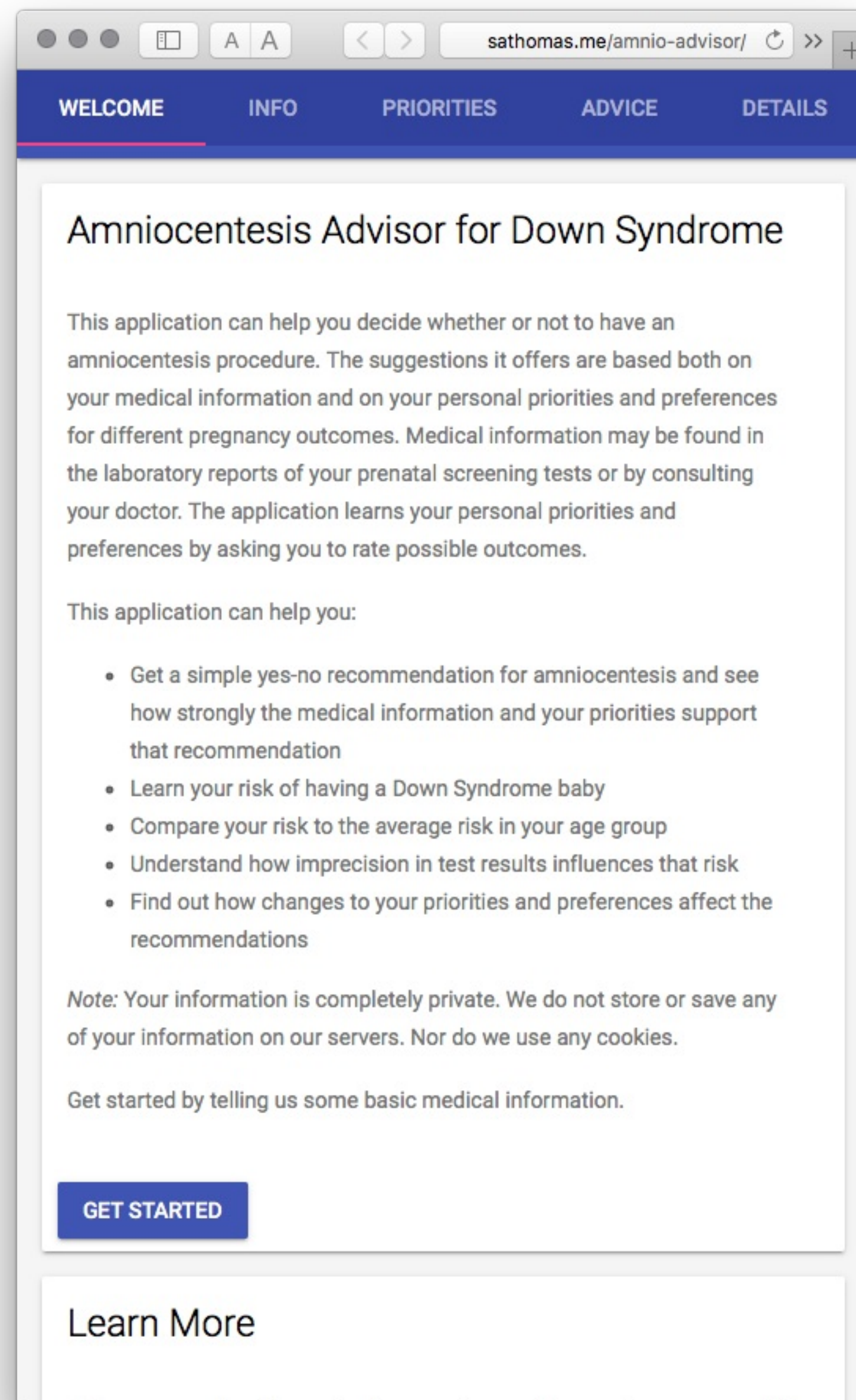
ten, me, Tim, William 12



Why Use Material Design?

- Design should be intentional
- My approach: distill the design intent to a single adjective

Amniocentesis Advisor: “Reassuring”



Lots of Resources

- [Top 5 Material Design Frameworks to Use in 2015](#)
- [7 Material Design Web UI Frameworks](#)
- [18 Material Design CSS Frameworks](#)
- [25+ Best Material Design Frameworks](#)
- [The Best CSS Frameworks for Material Design](#)

Single Page Application?

- Angular: Angular Material or LumX
- Ember: Ember CLI Materialize
- React: Essence or Material-UI
- Web Components (Polymer): Paper Elements

Hybrid Application?

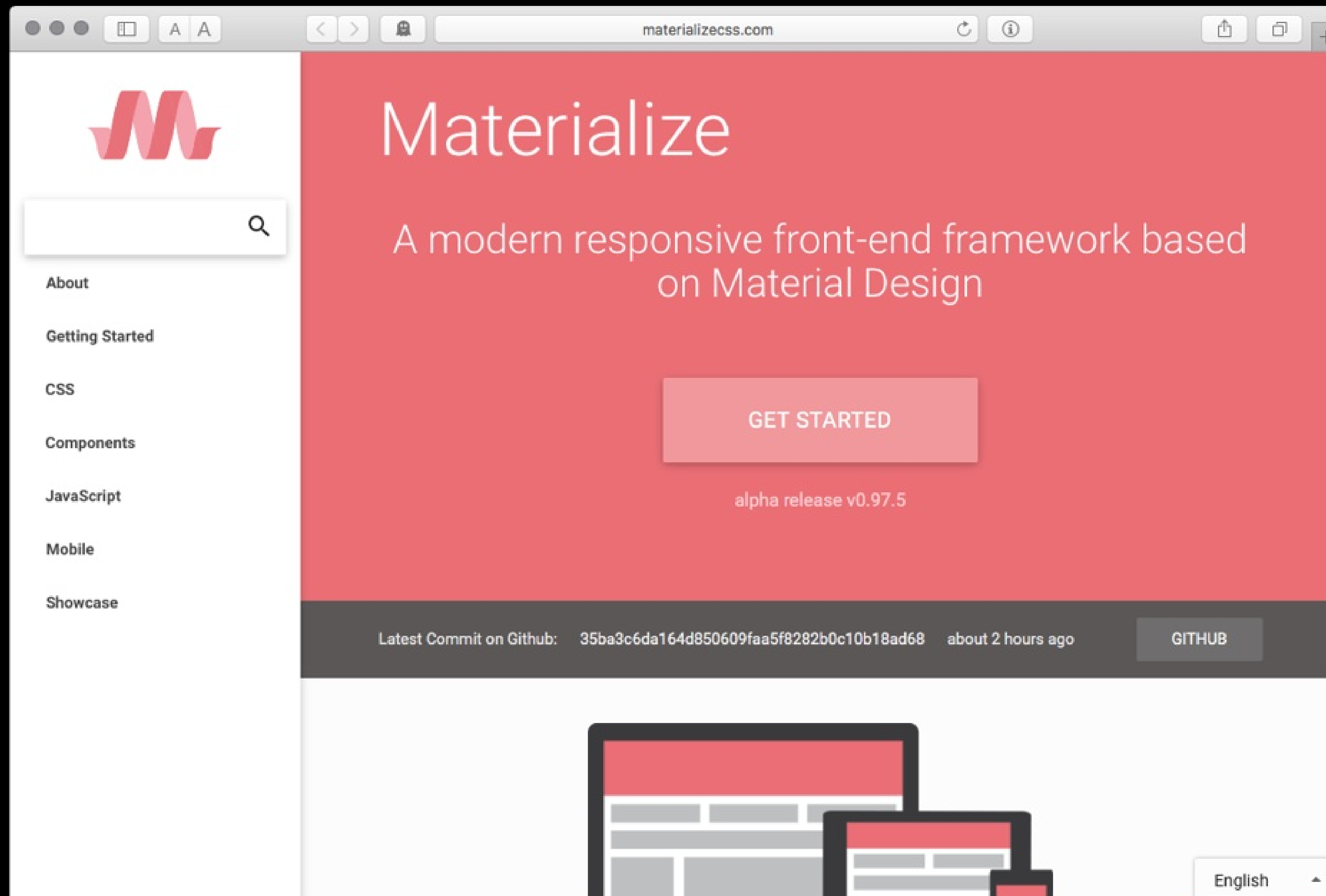
- Cordova: Phonon
- Ionic: Ionic Material

Popular Frameworks?

- Bootstrap: Bootswatch Paper, Materialstrap, or Material Design for Bootstrap
- Foundation: Material Foundation

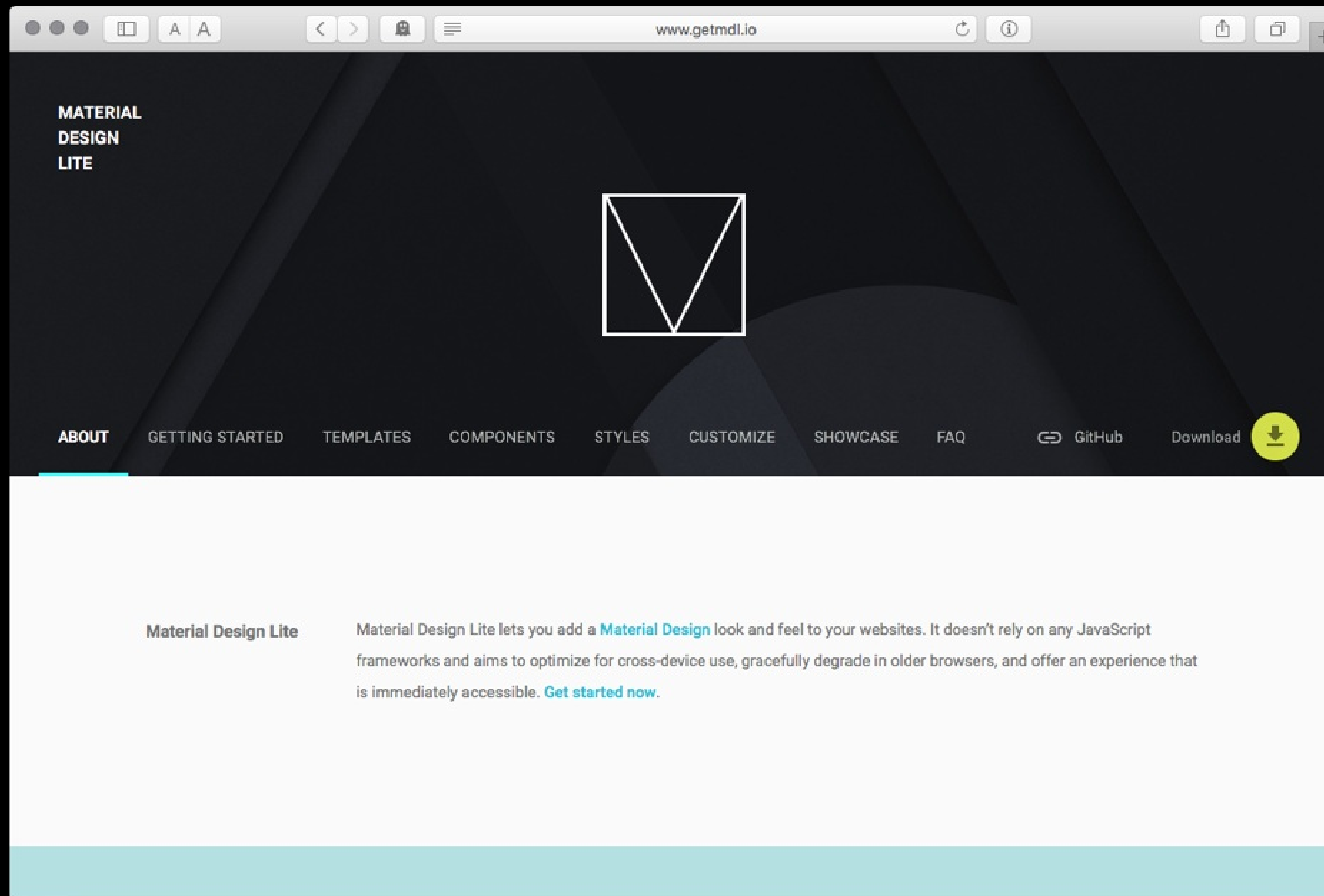
Starting from Scratch?

- Monolithic Framework: Materialize
- Modular Library: Material Design Lite



Materialize Framework

- “Bootstrap” for Material Design
- Comprehensive framework, include many full-page templates
- Requires jQuery
- CSS: 193KB, 152KB minimized
- JavaScript: 283KB, 131KB minimized

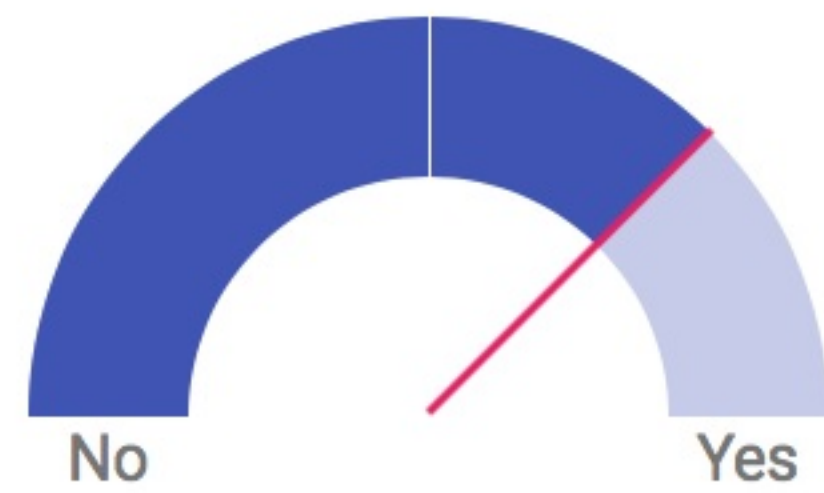


Material Design Lite Library

- Primarily a component library, but site features a few simple templates
- No dependencies
- CSS: 348 KB, 139KB minimized
- JavaScript: 147KB, 66KB minimized

Build It Yourself

Material Design Gauge



Other Resources

- [9 Useful Tools for Creating Material Design Color Palettes](#)
- [Material Design Icons, Goodies And Starter Kits](#)
- [Roboto font](#)
- Animation examples on [Codepen](#)
- General inspiration from [MaterialUp](#)
- [Material Design Blog](#)
- Sketch, Photoshop, Illustrator etc. [templates](#)

materialpalette

TWEETSHAREPLUS

MATERIAL DESIGNEXAMPLES

RED

PINK

PICK TWO COLORS

PURPLE

DEEP PURPLE

INDIGO

BLUE

LIGHT BLUE

CYAN

TEAL

GREEN

LIGHT GREEN

LIME

YELLOW

AMBER

ORANGE

DEEP ORANGE

BROWN

GREY

BLUE GREY

Palette preview

Full Palette colors below

Label
February 14th

Label
February 12th

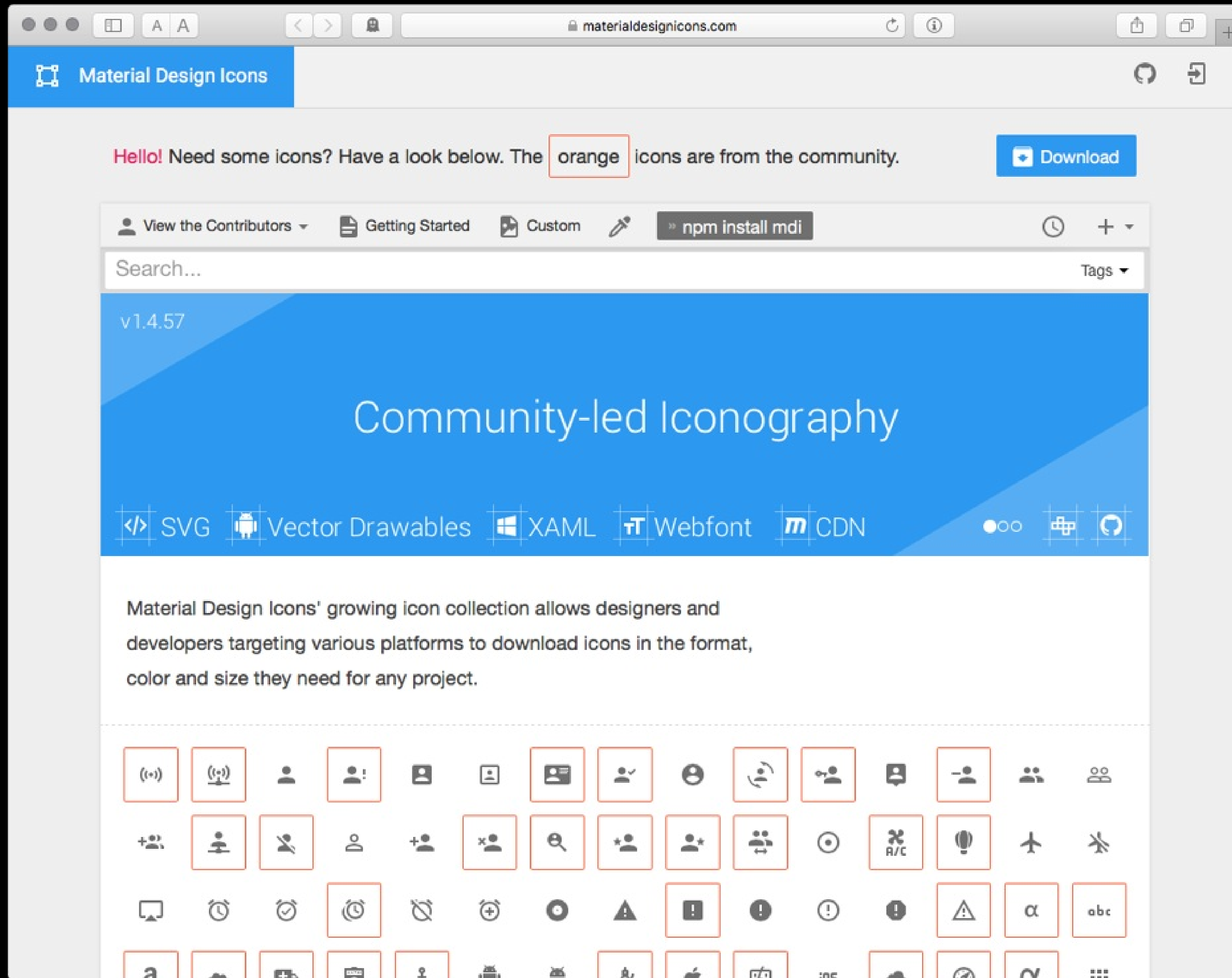
Your Palette

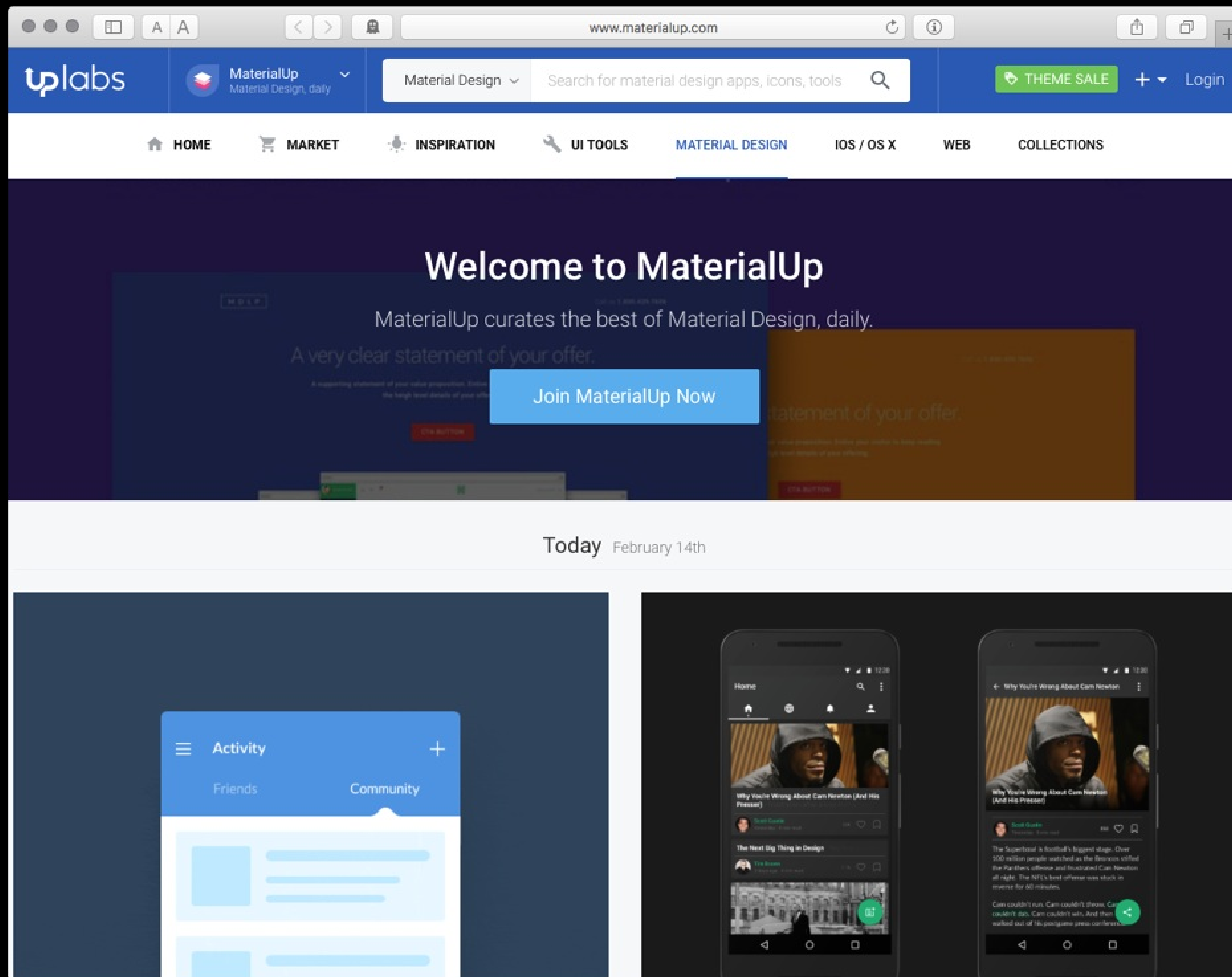
CSSSASSLESSSVGXMLPNGPOLYMER

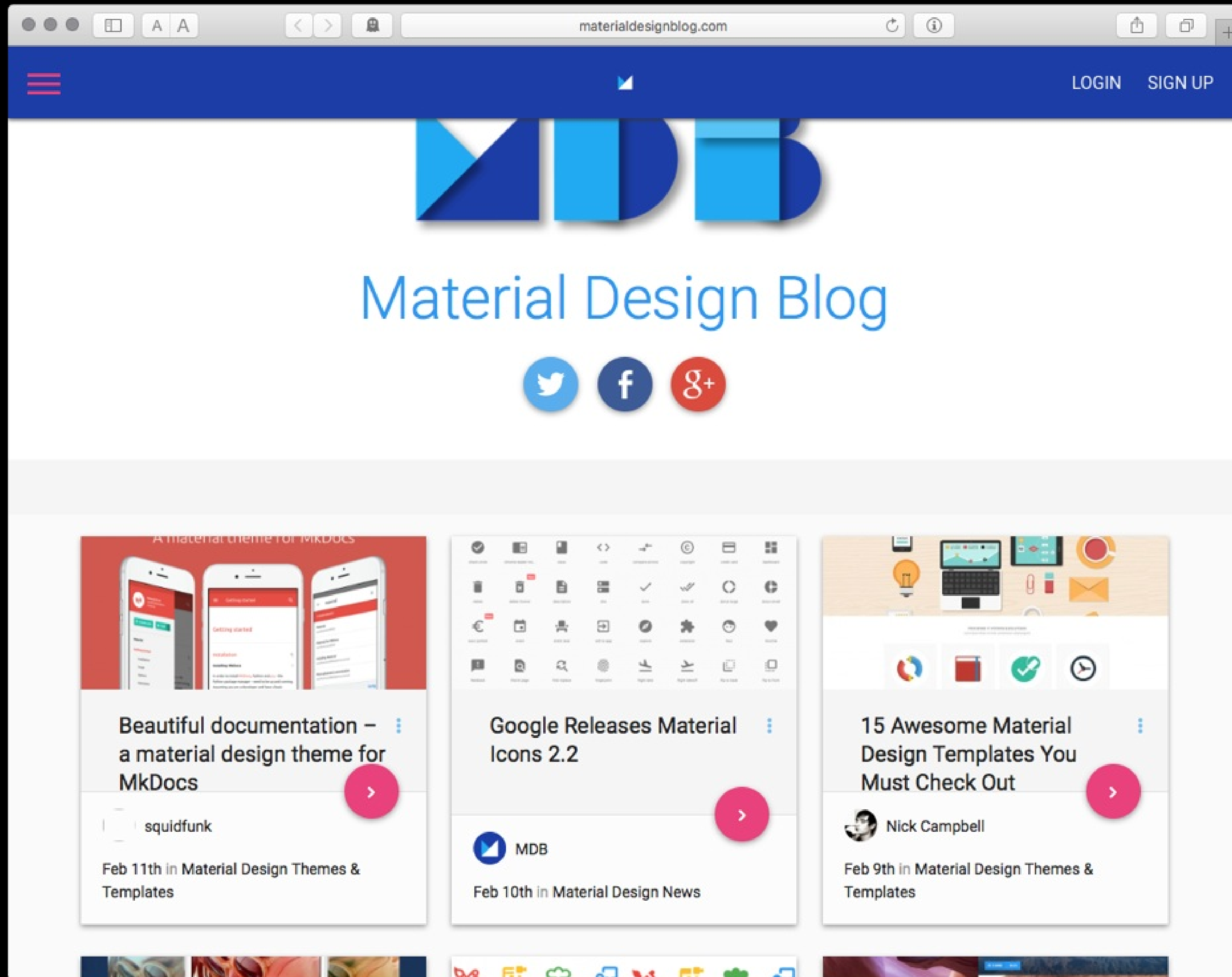
TWEET

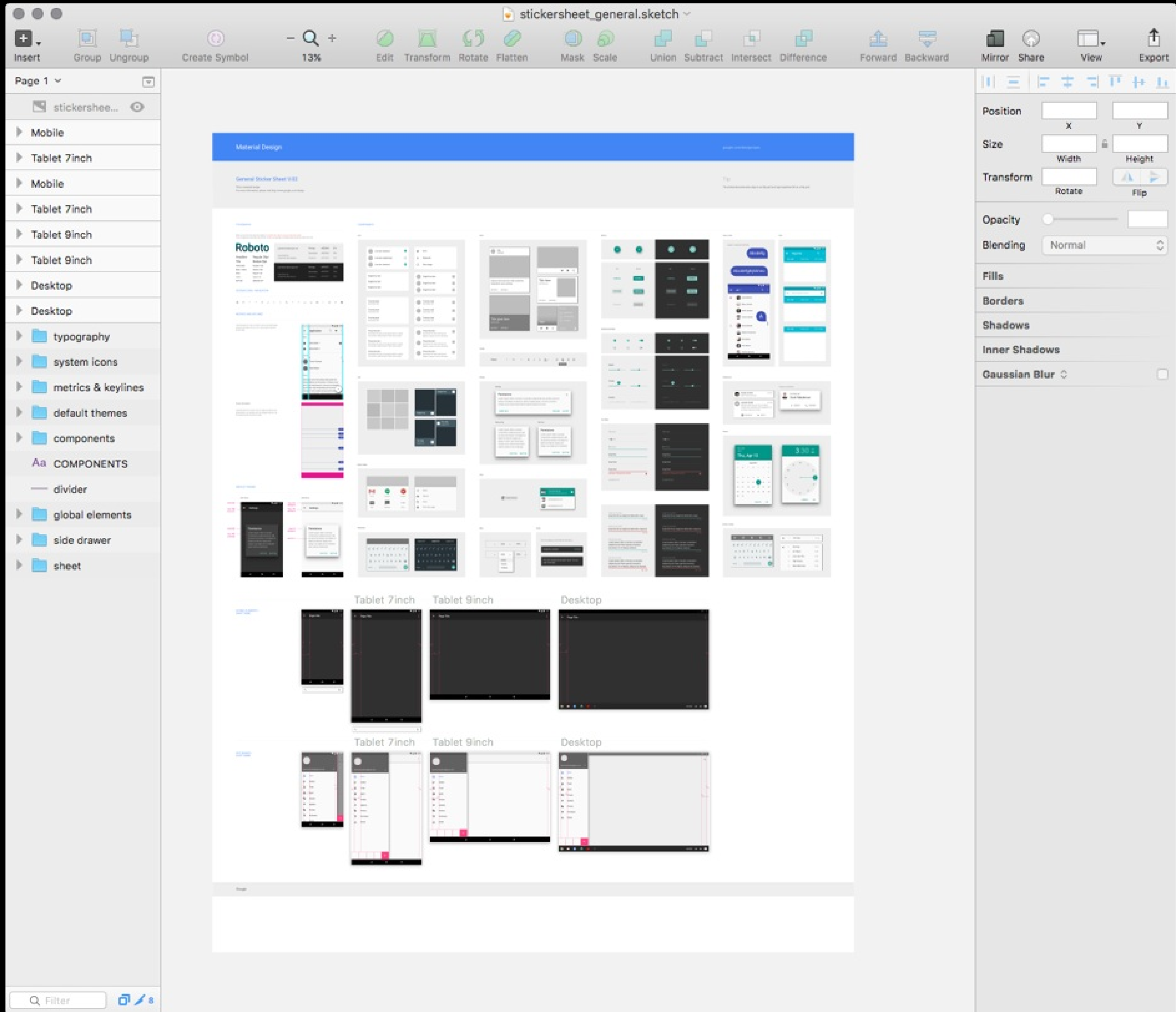
#512DA8	#673AB7	#D1C4E9	#FFFFFF
DARK PRIMARY COLOR	PRIMARY COLOR	LIGHT PRIMARY COLOR	TEXT / ICONS
#FF4081	#212121	#727272	#B6B6B6
ACCENT COLOR	PRIMARY TEXT	SECONDARY TEXT	DIVIDER COLOR

Open "materialup.com" in a new tab









Material Design for the Web

- Many web sites and web applications are based on Material Design
- Design with intent: should your web site mimic Google or should it stand out?
- Lots of resources available from Google
- Even more resources available from third parties