

Directory of Mobile Optimization Resources

This tool, adapted from web design blogger Julia Larson, highlights the must-have resources for any web developer who wants to stay on top of evolving technologies and user expectations. Add to and subtract from it as desired. Share it with colleagues in the web design field. Use items from it to train new team members and collaborators from other units and departments on campus.

Mobile Web Layout Tools

1. [SCSS](#) (Consider SCSS (Sass CSS) to streamline code.)
2. [RequireJS](#) & [UglifyJS](#) (Reduce the size (and loading time) of mobile websites.)
3. [CSS Flexible Box Layout Module](#) (Optimize responsive web content for all devices.)
4. [Bootstrap](#) (Build and prototype a site.)
5. [“12 Flexible Grid Tools for Responsive Websites”](#) by Creative Overflow
6. [“20 Exceptional CSS Boilerplates and Frameworks”](#) by Grace Smith
7. [“A Look at Responsive CSS Frameworks”](#) by Ben Gremillion
8. [Responsive Grid System](#) (A quick way to create a responsive website.)
9. [Rock Hammer](#) (A toolkit and template for creating a responsive layout.)
10. [Google Chrome Developer Tools: User Agent Override](#) (Emulate any device's experience from a desktop.)
11. [Google Webmaster Tools' emulator rundown](#)
12. [More Emulators for Testing A Site](#)
13. [20 More Emulators](#)
14. [Adobe Edge Inspect](#) (Navigate a site while all connected devices stay in sync.)
15. [The Real Devices](#) (Tips for collecting a variety of devices for site testing.)

Mobile Web Layout Resources

16. [“20 Responsive Web Design Examples for Inspiration”](#) by Manish Salunke
17. [“UI inspiration May 2013”](#) by Awwwards
18. [“Let it Flow – 26 Awesome Examples of Responsive Web Design”](#) by Josh Chan
19. [“40 Examples of Brilliant Responsive Website Layouts”](#) by Jake Rocheleau
20. [“Top 25 Responsive Sites of 2012”](#) by .net magazine

Directory of Mobile Optimization Resources, Cont.

21. [Built With Bootstrap](#) (See how other sites have used Twitter Bootstrap.)
22. “[5 Really Useful Responsive Web Design Patterns](#)” by Joshua Johnson
23. “[Introduction to Mobile Prototyping with HTML, CSS, and JavaScript](#)” by Abduzeedo
24. “[30 jQuery Responsive Layout Plugins](#)” by Sam Deering
25. “[Popular Design Trends for Responsive Navigation](#)” by Jake Rocheleau
26. “[Responsive Navigation Patterns](#)” by Brad Frost
27. “[The State of Responsive Design](#)” by Stéphanie Walter
28. [Implementing Responsive Design](#) by Tim Kadlec
29. “[Strategies for Choosing Test Devices](#)” by Stephanie Rieger
30. “[Adapting to a Responsive Design \(Case Study\)](#)” by Matt Gibson