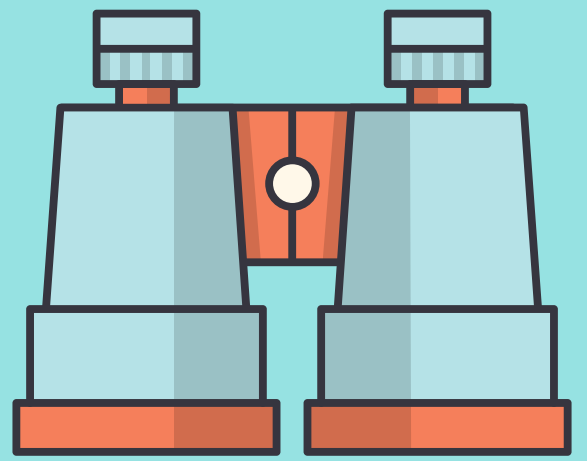
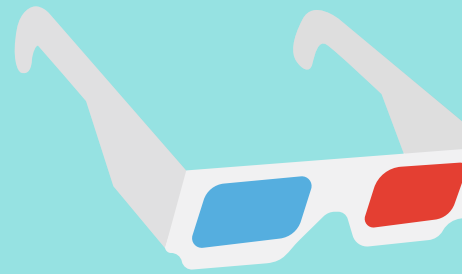


# TOP VISUAL REGRESSION TESTING TOOLS



Visual Regression Testing is a hot topic, and there are a plethora of tools to choose from. Here's my list of the best options out there (in no particular order).

by Kevin Lamping



OS

## Gemini

[gemini-testing.github.io/gemini/](https://gemini-testing.github.io/gemini/)

Produced by the same folks who brought us BEM, Gemini is a great Node.js based tool that integrates in to Selenium. Fully-featured with a programmatic API and a GUI available. Great if you're just getting started.

OS

## Wraith

[bbc-news.github.io/wraith/](https://bbc-news.github.io/wraith/)

One of the earliest popular testing tools, Wraith has undergone a series of upgrades to provide some impressive features. Ruby-based, Wraith is simple to set up and generates a handy gallery of page differences.

OS

## WebdriverCSS

[webdriver.io/](https://webdriver.io/)

Companion to the impressive WebdriverIO Selenium test framework, WebdriverCSS provides an easy way to add visual testing to your functional tests. Node.js based, it comes with great features to customize your screenshots.

OS

## Galen Framework

[galenframework.com/](https://galenframework.com/)

Offering an alternative to the standard screenshot-based test approach, Galen instead used the location of objects relative to each other on page to validate consistency. Selenium-based, Galen comes with its own special syntax for writing your layout rules to follow.

OS

## PhantomCSS

[github.com/Huddle/PhantomCSS/](https://github.com/Huddle/PhantomCSS/)

Another JavaScript-based tool for automating screenshot capture and comparison, PhantomCSS is a popular choice for folks getting started with functional testing, as it integrates well with PhantomJS and CasperJS.

P

## Applitools

[applitools.com/](https://applitools.com/)

The only non-.io paid tool listed here, Applitools Eyes provides impressive visual diffing capabilities and great support. No coding required to set up your tests, and the admin interface has lots to offer.

P

## Percy.io

[percy.io/](https://percy.io/)

GitHub PR integration offered right off the bat, Percy integrates directly into your test suite and development workflow to provide iterative and fast feedback about visual changes.

P

## Siteeffect.io

[siteeffect.io/](https://siteeffect.io/)

Promising simple set up, SiteEffect takes the manual part out of automated testing. Simply enter your main URL and the service will crawl your pages for you.

P

## Backtrac.io

[backtrac.io/](https://backtrac.io/)

Providing an easy way to compare your Test environment with Production, BackTrac is quick to set up and provides a great UI for team-based workflows. Also comes with an API integration layer.

