Sauce Visual UI Testing

Users expect seamless, engaging experiences

Creating perfect interfaces is difficult because traditional functional tests often miss UI inconsistencies on web and mobile platforms.

Relying on separate solutions for UI validation and test infrastructure is both inefficient and costly. And, maintaining UI regression code adds to that expense - just one position change can trigger multiple updates across multiple platforms. Visual tests require consistent configurations, making the entire process time-consuming, resource-heavy and costly.

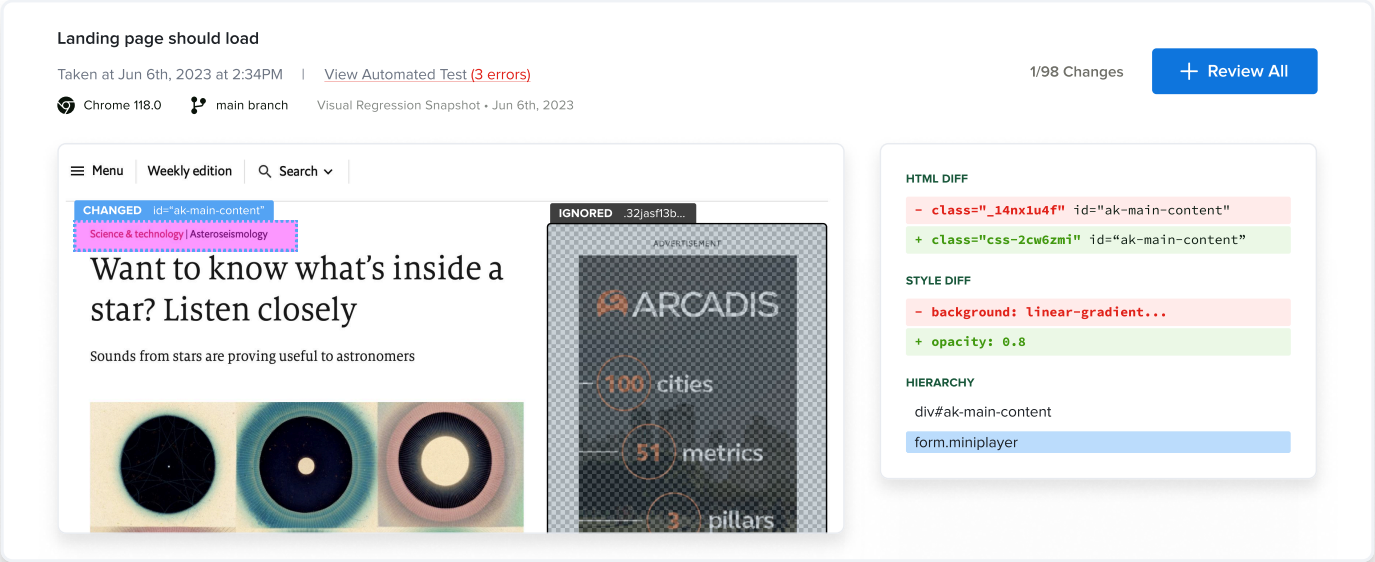
Sauce Visual streamlines your UI testing, offering faster execution and reduced complexity at a lower cost. Integrated into the Sauce Labs platform, Sauce Visual helps catch UI regressions, minimizes maintenance, and ensures cross-platform consistency, in one centralized solution. With access to thousands of Real and Virtual devices available within the Sauce Labs Platform, you can get an integrated testing experience, and ensure your apps meet high user standards, delivering a seamless, visually consistent experience across every device, every time.

65% lower cost

Sauce Visual provides the same UI validation at an average of 65% lower cost than comparable solutions.

800 Browsers and OSes
1700+ emu/sims
8500+ devices

Sauce Labs Platform provides widest selection of device, browser, and OS configurations.



Hootsuite

"Sauce Visual has become our go-to for UI testing because it lets us manage everything in the cloud, using Sauce Labs infrastructure, on one single platform. The feedback reports, complete with screenshots and results, are easily accessible, saving our teams time and increasing our efficiency."

Roy Tang, Mobile QA Developer at Hootsuite

Key Benefits and Features

With Sauce Visual, you gain access to essential UI testing features such as full-page screenshots, element cropping, baseline management, visual comparisons across different viewports, and Figma integration to validate your UI against approved design files.

Industry Leading Infrastructure:	Simplify visual testing and improve the developer experience by leveraging Sauce Labs' Virtual and Real Device infrastructure and UI testing in a single, integrated test platform - reducing the need for multiple tools and vendors.
Cross-browser, Mobile Web and Mobile Native App Support:	Run component and ETE tests to identify layout shifts, color issues, and other inconsistencies across every digital platform, ensuring a seamless, polished user experience, every time.
UI Ignore Regions:	Improve test reliability by ignoring irrelevant visual changes. Dynamically exclude regions by category, selector, or directly in the UI, focusing on what's critical for your app's UI.
DOM Inspection:	Inspect DOM details of visual diffs to understand changes and make better decisions, reducing false negatives.
Sauce Visual CLI:	Streamline workflows by easily integrating into your CI/CD pipelines, enabling efficient build management and accurate visual validation.
Comprehensive SKs:	Use your favorite programming language (Java, JavaScript, Python, and C#) and testing framework (Selenium, WebDriverIO, Java JUnit/TestNG, Storybook, etc) to integrate visual checks with Sauce Visual through our SK library.
PDF Support:	Automate PDF validation by comparing app-generated PDFs to a trusted baseline, ensuring layout and content integrity-similar to front-end visual testing.
Local Selenium Testing:	Support early-stage visual testing by allowing developers to create snapshots locally—accelerating issue detection and reducing feedback loops, and enabling faster validation compared to cloud-based snapshot generation.
Figma Plugin Integration:	Start visual testing directly from Figma using your approved designs as the baseline. The plugin connects Figma design files to Sauce Visual automatically, eliminating manual screenshot exports, preventing design drift, and catching visual regressions before code ever reaches production.

Elevate your UI testing strategy

Deliver Visually Consistent and Engaging Digital Experiences, To Every User

Sauce Visual seamlessly integrates into your continuous quality processes, ensuring cross-platform UI consistency for the best user experience across every device.

Schedule a conversation

Sauce Labs is the leading cloud-hosted platform for AI-driven automated testing of web and mobile applications, enabling fast delivery of high-quality software across the development lifecycle. Founded by the creators of Selenium, Sauce Labs has been the testing leader for over 17 years and now runs over 1 billion tests annually. Trusted by Fortune 500 companies like Toyota, Walmart, Verizon, and Fidelity Investments, its scalable, secure platform supports testing across thousands of operating systems, browsers, and devices while meeting the highest compliance standards.