# Color Picker Camera HEX RGB: Full Feature Review

Full review of Color Picker Camera HEX RGB. Palette builder, live detection, Figma/CSS export, color history -- practical examples for designers, decorators, and DIY homeowners.

Author: Lubor Šimůnek · Published: August 7, 2026 · Design

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## The App That Bridges Physical and Digital Color

Color Picker Camera: HEX RGB is a free app for iPhone and Android that does something deceptively simple: it points your camera at any surface -- a wall, a fabric swatch, a painted piece of furniture, a flower -- and tells you the exact color in HEX, RGB, HSL, and CMYK codes. No ads. No account. No cloud. Just instant, accurate color data whenever you need it.

But a one-line description undersells what the app actually delivers. After using it across real design and renovation projects, we've found that its combination of features -- live detection, palette builder, color harmonies, RAL matching, and flexible export -- makes it genuinely useful for three distinct groups of users: UI and graphic designers, interior designers, and DIY homeowners. This review covers all of it in detail.

**Download Color Picker Camera: HEX RGB free today -- available on iPhone and iPad (App Store) and Android (Google Play).**

## Live Camera Color Detection

The core feature is the live camera picker. Open the app, point it at any surface, and you see the color values update in real time as you move the camera. The sampling point is centered

in the viewfinder with a small crosshair indicator. The reading is smooth and responsive -- there's no noticeable lag between moving the camera and seeing the color values update.

Accuracy is solid for a phone camera-based tool. The app correctly identifies the same wall color from multiple angles and under different lighting conditions (though consistent natural light always gives the best results). Under warm artificial light, the readings shift slightly warmer than the true color, which is a physics limitation rather than an app weakness -- all camera-based color measurement faces this challenge.

Tap anywhere on the viewfinder to lock a reading and save it. The app shows you the locked color with its full set of values: HEX (e.g. #3D7FAA), RGB (61, 127, 170), HSL (203, 47%, 45%), and CMYK (64, 25, 0, 33). A one-tap copy button next to each value means you're one gesture away from pasting into any design tool or code editor.

## Photo Gallery Extraction

Beyond the live camera, you can load any photo from your device's camera roll and extract colors from it. This is useful when you have a reference image -- a product photo, a magazine scan, an inspiration board -- and you want to pull specific colors out of it. Tap any point in the loaded image and you get the same full color breakdown you'd get from the live camera.

This feature is particularly valuable for brand color work. If a client sends you a photo of their storefront or product packaging and asks you to match the color in a new design, you don't need specialized screen capture software -- just load the image, tap the color, and copy the HEX code.

## Color Library and Palette Builder

Every color you sample -- whether from the live camera or a photo -- can be saved to your color library with a single tap. The library shows a grid of all saved colors, each labeled with its HEX value. You can name individual colors (e.g. "Living Room Wall" or "Primary Brand Blue") and organize them into custom palettes.

Palette management is one of the genuinely strong points of the app. You can create multiple palettes (e.g. "Project A - Living Room," "Website Rebrand 2026," "Autumn Collection") and move colors between them. For interior designers managing multiple client projects simultaneously, this keeps sample libraries clean and organized without any cloud sync overhead.

The palette export options are where the app differentiates itself from basic color pickers. You can export a palette as:

- **Plain text:** A list of color names with their HEX, RGB, and RAL codes. Good for sharing with clients or contractors who need a simple reference document.
- **JSON:** A structured data file with all color values. This is directly usable in design systems, CSS preprocessors (SASS/LESS variables), design tokens for Figma, or any codebase that uses a color configuration file.

The JSON export is particularly valuable for design system work. If you've built a physical

color palette for a brand -- say, by sampling from physical packaging or environmental graphics -- you can export it as JSON and drop it directly into a Figma token plugin or a React/Vue project's theme config file.

**Color Picker Camera: HEX RGB is free on iOS (App Store) and Android (Google Play). No in-app purchases, no subscription, no account.**

## Color Harmonies

For each sampled color, the app can generate a set of color harmonies:

- **Complementary:** The color directly opposite on the color wheel. Creates high contrast, high energy combinations.
- **Triadic:** Three colors equally spaced around the color wheel. Creates vibrant, balanced combinations.
- **Analogous:** Colors adjacent on the color wheel. Creates harmonious, low-contrast palettes that feel natural and cohesive.

This is a useful starting point for designers who need to build a palette from a single anchor color. Sample the primary brand color or the dominant color of a room, then use the harmony generator to explore complementary accent options. The generated colors can be saved to the same palette with a single tap.

## RAL Paint Matching

The RAL matching feature cross-references any sampled color against the RAL color system -- the European standard for paint and coating colors used in construction, automotive manufacturing, and industrial design. For any sampled color, the app shows you the nearest RAL code alongside the HEX/RGB values.

In practice, this means you can photograph a painted surface, immediately see the nearest RAL code, and use that code at a professional paint retailer to formulate a matching paint. This is enormously practical for renovation work, where you need to repaint a surface to match existing walls, cabinetry, or trim.

It's also useful for designers who specify paint colors for built environments -- offices, retail stores, hospitality spaces. Instead of relying on subjective color descriptions or physical RAL fan decks, you can photograph a reference and get a RAL code digitally.

## Color History

The app automatically logs every color you sample in a chronological history list. This is a thoughtful feature that has saved us from having to re-sample a color we thought we'd remember. If you photographed a wall color last Tuesday and forgot to save it explicitly, it's still in the history list.

History entries show the date and time of sampling alongside the color preview and HEX value. You can tap any history entry to view the full color breakdown and add it to your library if you decide you want to keep it.

## Backup and Restore

Your palettes and color library can be backed up to a local file and restored from it. This is essential for anyone who regularly uses the app as part of a professional workflow -- if you switch phones or reinstall the app, you won't lose months of carefully curated color samples. The backup is stored locally rather than in a cloud service, which keeps the app's privacy-first profile intact.

## Practical Use Cases

### For UI/UX Designers

The most common use case is building a digital color palette from a physical reference. Sample colors from a client's printed brand materials, office environment, physical products, or inspiration imagery. Export as JSON for direct use in Figma tokens, CSS custom properties, or design system configuration. The one-tap HEX copy means zero friction between sampling and implementing in code.

### For Interior Designers

Use the app to build a room-by-room color inventory of an existing space before a renovation. Save each surface color with a descriptive label. Use RAL matching to get paint specifications you can hand to a painter or bring to a paint retailer. Export the project palette as text to include in client specification documents.

### For DIY Homeowners

Sample existing wall and trim colors before repainting, so you can buy touch-up paint that matches exactly. Use the photo extraction feature to pull colors from inspiration images you've saved from design websites or social media. Build a "room palette" to keep track of all the colors in each room for future reference.

## What the App Doesn't Do

A few things worth noting for expectation management:

- The app doesn't include Pantone color matching. If you need Pantone references, you'll need a separate tool or a manual Pantone-to-HEX conversion table.
- Phone camera color accuracy is inherently limited compared to a professional colorimeter or spectrophotometer. For critical industrial or print color matching, verify with a physical tool before ordering large quantities.
- There's no cloud sync. Your palettes are stored locally on your device. The backup/restore feature covers device migrations, but there's no automatic sync across multiple devices.

None of these are criticisms of the app's design choices -- they reflect deliberate decisions to keep the app simple, private, and offline-first. But they're worth knowing if your use case requires Pantone matching or multi-device sync.

## Final Verdict

Color Picker Camera: HEX RGB is one of the most complete free color tools available on mobile. The combination of live camera accuracy, photo extraction, full color model output (HEX, RGB, HSL, CMYK), RAL matching, color harmony generation, and flexible export makes it useful across a wider range of creative and practical contexts than any competing free app we've tried. The fact that it works completely offline, collects no data, and requires no account makes it an easy recommendation for any designer, developer, or homeowner who regularly works with color.

**Download Color Picker Camera: HEX RGB free today -- on iPhone and iPad (App Store) and Android (Google Play). No ads, no account, no data collection.**

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