

Converting Colors

Android(4284010814)

Have a look what the booklet for
Android(4284010814) contains.

Android(4284010814)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4284010814)

Conversions

Conversions Part 1

Format	Color
Hex	58D13E
RGB	88, 209, 62
RGB Percent	35%, 82%, 24%
CMY	0.6549, 0.1804, 0.7569
CMYK	0.58, 0.00, 0.70, 0.18
HSL	109°, 62%, 53%
HSV	109°, 70%, 82%
XYZ	27.6945, 48.0234, 12.3672
YIQ	156.0630, -24.9290, -71.3690

Conversions

Conversions Part 2

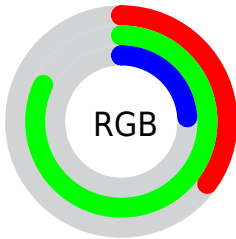
Format	Color
RYB	62, 209, 183
Decimal	5820734
CIELab	74.84, -60.07, 59.76
CIELCh	75, 84.736, 135.148
Yxy	48.0234, 0.3144, 0.5452
Android (android.graphics.Color)	4284010814 (0xFF58D13E)
YUV	156.0630, -46.3731, -59.6913
Hunter-Lab	69.2989, -49.9378, 37.9282

Details

The Android color **4284010814** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **4290199249**, and the grayscale version is **4288519581**.

A 20% lighter version of the original color is **4288020341**, and **4278229248** is the 20% darker color. If you saturate the color by 10%, you get **4282896681**, and if you desaturate by 10%, it is **4285124947**.

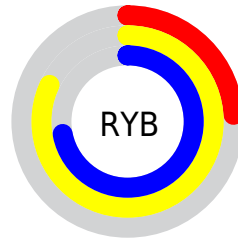
Distribution



Red (35%)

Green (82%)

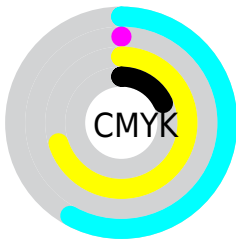
Blue (24%)



Red (24%)

Yellow (82%)

Blue (72%)

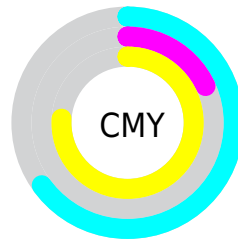


Cyan (58%)

Magenta (0%)

Yellow (70%)

Black (18%)



Cyan (65%)

Magenta (18%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284010814 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4284010814 by changing the saturation by 10% instead.



4284010814



4284010814

4294967295



4281775391



4288020341



4278229248



4289986449



4278222336



4291952557



4278215680



4293918665



4278209280



4294967270



4278203392



4278196736



4278190080




4284010814



4284010814

 4282896681

 4285124947

 4281782548

 4286239080

 4280668416

 4287418749

 4288532882

 4289647015

 4290761147

 4291875280

 4293054949

 4294169082

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4290232576



4284010814



4278245773

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4284010814



4278242559



4294928020

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4284010814



4290199249

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294929634



4284010814



4283675903

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4284010814



4278245631



4293759231



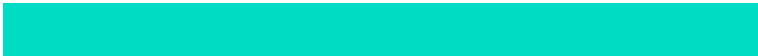
4294935371

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4284010814



4278246596



4293759231



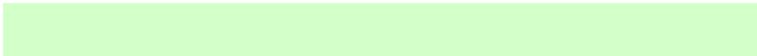
4294927278

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4284010814



4292083657



4291933758



4284842080



4278190080



4286611584

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4284010814



4283432745



4282306925



4284508510



4280199168



4278659328

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4290199249



4292422143



4291903138



4284964457



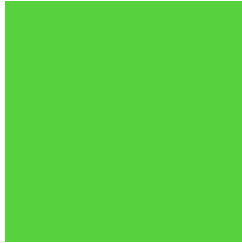
4287299752



4280418345

Previews

White Background



This preview shows how the Android color 4284010814 looks on a white background.

Color Contrast Check

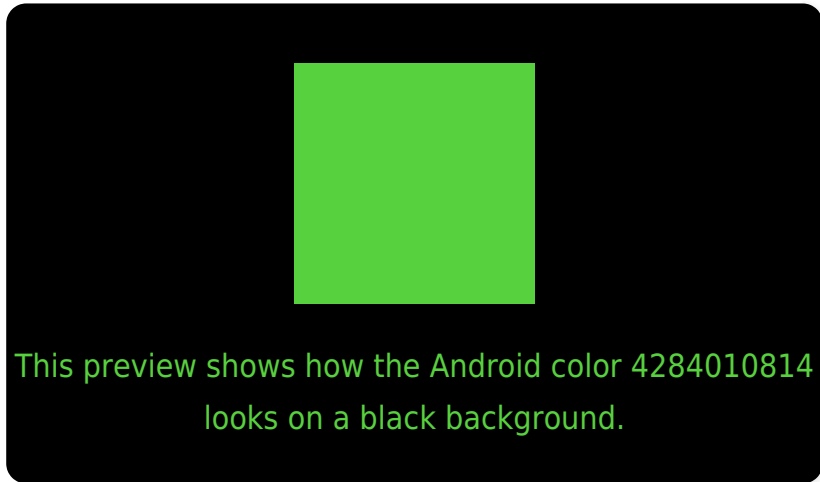
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

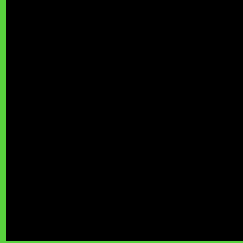
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4284010814 Background



This preview shows how black text looks on a background with the Android color 4284010814.



This preview shows how white text looks on a background with the Android color 4284010814.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
4284010814

Protanopia
4291671863

Deuteranopia
4293111371

Trichromacy



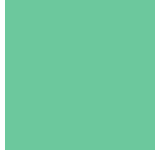
Original Color
4284010814



Protanomaly
4288856122



Deuteranomaly
4289772358



Tritanomaly
4285319325

Monochromacy



Original Color
4284010814



Achromatopsia
4288453788



Achromatomaly
4286820218

CSS Examples

Text

The CSS property to change the color of the text to Android 4284010814 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(88, 209, 62)` looks like.

```
.text, #text, p{  
    color:rgb(88, 209, 62)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(88, 209, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 209, 62) }
```

Border

The CSS property to change the border of an element to Android 4284010814 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(88, 209, 62) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(88, 209, 62) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(88, 209, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 209, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 209, 62);  
box-shadow:4px 4px 4px 4px rgb(88, 209,  
62) }
```

Background

The CSS property to change the background color of an element to Android 4284010814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 209, 62) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(88, 209,  
62) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor