

Converting Colors

Android(4283744134)

Have a look what the booklet for
Android(4283744134) contains.

Android(4283744134)	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(4283744134)

Conversions

Conversions Part 1

Format	Color
Hex	54BF86
RGB	84, 191, 134
RGB Percent	33%, 75%, 53%
CMY	0.6706, 0.2510, 0.4745
CMYK	0.56, 0.00, 0.30, 0.25
HSL	148°, 46%, 54%
HSV	148°, 56%, 75%
XYZ	26.5900, 40.8677, 29.0411
YIQ	152.5090, -45.4750, -40.4110

Conversions

Conversions Part 2

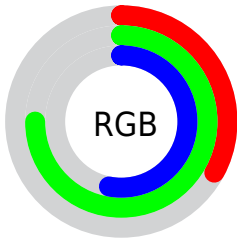
Format	Color
RYB	84, 157, 191
Decimal	5554054
CIELab	70.08, -44.04, 19.68
CIELCh	70, 48.233, 155.921
Yxy	40.8677, 0.2755, 0.4235
Android (android.graphics.Color)	4283744134 (0xFF54BF86)
YUV	152.5090, -9.1249, -60.0824
Hunter-Lab	63.9278, -37.6287, 17.8153

Details

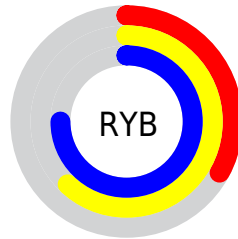
The Android color `4283744134` is a dark color, and the websafe version is hex `66CC99`. A complement of this color would be `4290729101`, and the grayscale version is `4288256409`.

A 20% lighter version of the original color is `4287494331`, and `4278880596` is the 20% darker color. If you saturate the color by 10%, you get `4282498940`, and if you desaturate by 10%, it is `4284989328`.

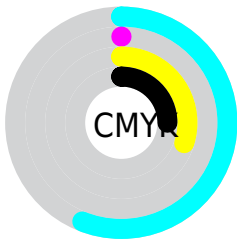
Distribution



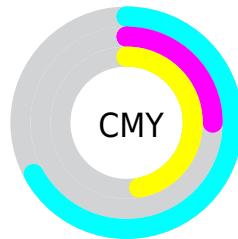
- Red (33%)
- Green (75%)
- Blue (53%)



- Red (33%)
- Yellow (62%)
- Blue (75%)



- Cyan (56%)
- Magenta (0%)
- Yellow (30%)
- Black (25%)



- Cyan (67%)
- Magenta (25%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Android color 4283744134 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 4283744134 by changing the saturation by 10% instead.

 4283744134

 4283744134

4294967295


 4281705325

 4287494331

 4278880596

 4289396695

 4278218557

 4291297268

 4278211878

 4293197823

 4278205713

 4278200320

 4278190336


 4278190080

 4283744134

 4283744134

 4282498940

 4284989328

 4281253746

 4286234522

 4280008551

 4287479717

 4278763357

 4288724911

 4278239065

 4290035641

 4291280835

 4292526029

 4293771223

 4294950882

Harmonies

Analogous

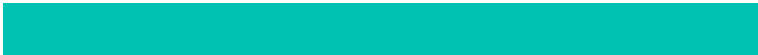
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4287608930



4283744134



4278239923

Triad

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



4283744134



4285705727



4294610298

Complementary

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



4283744134



4290729101

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.



4294805412



4283744134



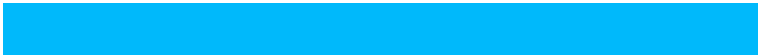
4290419954

Square

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



4283744134



4278237691



4293496272



4293106779

Rectangle

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



4283744134



4278239696



4293496272



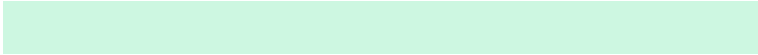
4294806151

Sweetspot

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



4283744134



4291688417



4287479636



4284775792



4294769916



4286414205

Same Dimension

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



4283744134



4283627423



4283744187



4283784793



4278230602



4278198030

Inverse Universe

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



4290729101



4294398634



4290729048



4284372314



4288544852



4280221712

Previews

White Background



This preview shows how the Android color 4283744134 looks on a white background.

Color Contrast Check

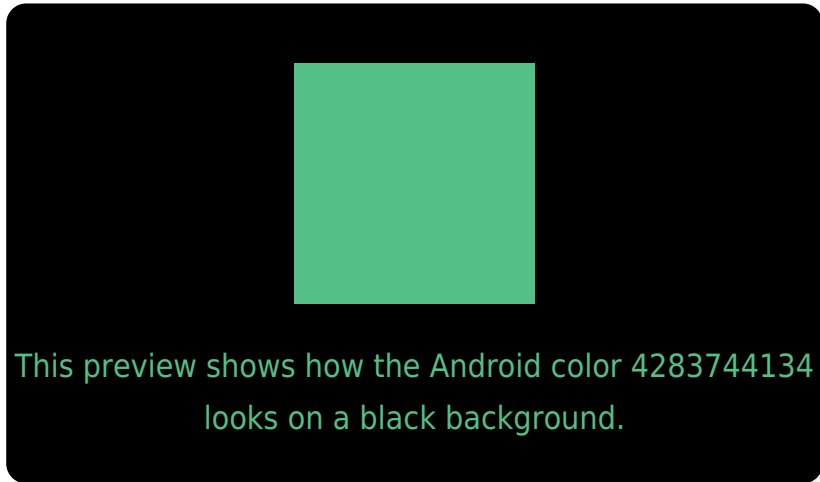
Large Text (above 18pt) WCAG AA × Fail

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 4283744134 Background



This preview shows how black text looks on a background with the Android color 4283744134.

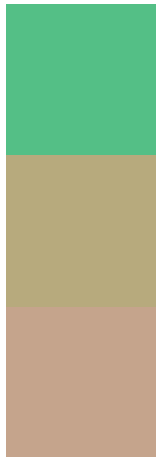


This preview shows how white text looks on a background with the Android color 4283744134.

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
4283744134

Protanopia
4290226813

Deuteranopia
4291142796

Trichromacy



Original Color

4283744134



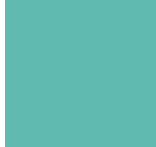
Protanomaly

4287869568



Deuteranomaly

4288458378



Tritanomaly

4284529327

Monochromacy



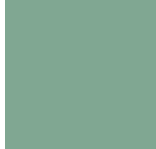
Original Color

4283744134



Achromatopsia

4288256409



Achromatomaly

4286621586

CSS Examples

Text

The CSS property to change the color of the text to Android 4283744134 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(84, 191, 134)` looks like.

```
.text, #text, p{  
    color:rgb(84, 191, 134)  
}
```

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(84, 191, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 191, 134) }
```

Border

The CSS property to change the border of an element to Android 4283744134 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(84, 191, 134) }
```

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

```
.border{ border-color:rgb(84, 191, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 191, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 191, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 191, 134);  
box-shadow:4px 4px 4px 4px rgb(84, 191,  
134) }
```

Background

The CSS property to change the background color of an element to Android 4283744134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 191, 134) }
```

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

```
.background{ background-color: rgb(84, 191,  
134) }
```

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