

# Converting Colors

Android(4283546614)

Have a look what the booklet for  
Android(4283546614) contains.

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# **Color**

**Android(4283546614)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51BBF6
RGB	81, 187, 246
RGB Percent	32%, 73%, 96%
CMY	0.6824, 0.2667, 0.0353
CMYK	0.67, 0.24, 0.00, 0.04
HSL	201°, 90%, 64%
HSV	201°, 67%, 96%
XYZ	37.7982, 43.9438, 93.6786
YIQ	162.0320, -82.1150, -4.1230

# Conversions

## Conversions Part 2

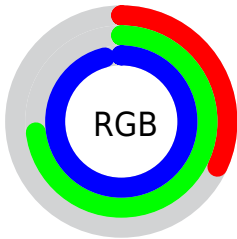
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	81, 146, 246
Decimal	5356534
CIE Lab	72.19, -12.44, -38.17
CIE LCh	72, 40.144, 251.942
Yxy	43.9438, 0.2155, 0.2505
Android (android.graphics.Color)	4283546614 (0xFF51BBF6)
YUV	162.0320, 41.3962, -71.0651
Hunter-Lab	66.2901, -14.2281, -37.3832

# Details

The Android color `4283546614` is a light color, and the websafe version is hex `66CCFF`. The color can be described as light muted azure. A complement of this color would be `4294347857`, and the grayscale version is `4288848546`.

A 20% lighter version of the original color is `4287820799`, and `4278224573` is the 20% darker color. If you saturate the color by 10%, you get `4281905910`, and if you desaturate by 10%, it is `4285187318`.

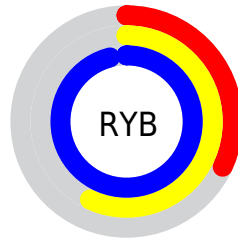
# Distribution



Red (32%)

Green (73%)

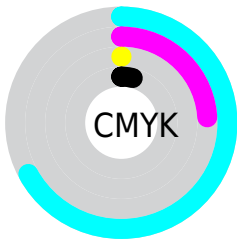
Blue (96%)



Red (32%)

Yellow (57%)

Blue (96%)

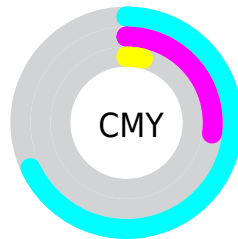


Cyan (67%)

Magenta (24%)

Yellow (0%)

Black (4%)



Cyan (68%)

Magenta (27%)
















Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283546614 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 4283546614 by changing the saturation by 10% instead.



 4283546614	 4283546614
4294967295	 4280787161
 4287820799	 4278224573
 4289855487	 4278218146
 4291821567	 4278211720
 4293853183	 4278205806
	 4278200405
	 4278195006
	 4278190887
	 4278190353

■ 4283546614

■ 4283546614

■ 4281905910

■ 4285187318

■ 4280330742

■ 4286762486

■ 4278690294

■ 4288402934

■ 4278230774

■ 4289978102

■ 4291618806

■ 4293259510

■ 4294834678

■ 4294967286

# Harmonies

## Analogous

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



4278239969



4283546614



4287869176

# Triad

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



4283546614



4294481060



4287806841

# Complementary

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



4283546614



4294347857

# 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.



4290425960



4283546614



4294089602

# Square

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



4283546614



4293564361



4292650859



4284728217

# Rectangle

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



4283546614



4290291695



4292650859



4288723569

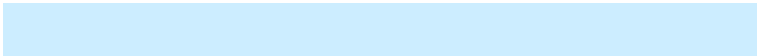


# Sweetspot

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



4283546614



4291620351



4283561611



4284577152



4278190080



4286611584



# Same Dimension

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



4283546614



4281579263



4283525878



4285429370



4278220986



4278199867



# Inverse Universe

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



4294332859



4294914998



4294368593



4286213750



4290379896

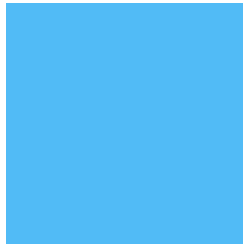


4282056742



# Previews

## White Background



This preview shows how the Android color 4283546614 looks on a white background.

## Color Contrast Check

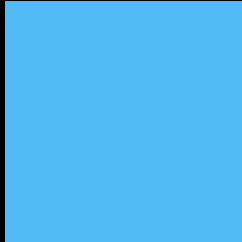
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4283546614 looks on a 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

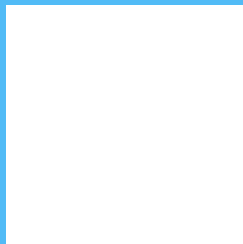
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283546614 Background



This preview shows how black text looks on a background with the Android color 4283546614.



This preview shows how white text looks on a background with the Android color 4283546614.

# 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





# Trichromacy



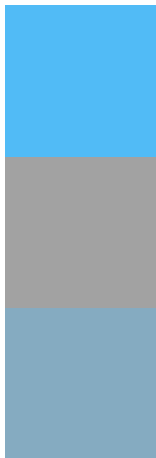
**Original Color**  
4283546614

**Protanomaly**  
4286755824

**Deuteranomaly**  
4286362616

**Tritanomaly**  
4282630110

# Monochromacy



**Original Color**  
4283546614

**Achromatopsia**  
4288848546

**Achromatomaly**  
4286950337

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283546614 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(81, 187, 246)` looks like.

```
.text, #text, p{  
    color:rgb(81, 187, 246)  
}
```

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(81, 187, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 187, 246) }
```

## Border

The CSS property to change the border of an element to Android 4283546614 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(81, 187, 246) }
```

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

```
.border{ border-color:rgb(81, 187, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 187, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 187, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 187, 246);  
box-shadow:4px 4px 4px 4px rgb(81, 187,  
246) }
```

# Background

The CSS property to change the background color of an element to Android 4283546614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 187, 246) }
```

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

```
.background{ background-color: rgb(81, 187,  
246) }
```

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](#).



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