

# Converting Colors

Android(4283746547)

Have a look what the booklet for  
Android(4283746547) contains.

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# **Color**

**Android(4283746547)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54C8F3
RGB	84, 200, 243
RGB Percent	33%, 78%, 95%
CMY	0.6706, 0.2157, 0.0471
CMYK	0.65, 0.18, 0.00, 0.05
HSL	196°, 87%, 64%
HSV	196°, 65%, 95%
XYZ	40.4881, 49.6644, 92.2463
YIQ	170.2180, -82.9390, -11.2190

# Conversions

## Conversions Part 2

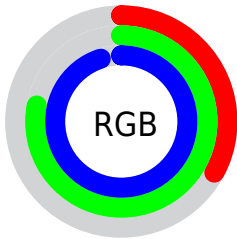
Format	Color
<a href="#">RYB</a>	<a href="#">84, 151, 243</a>
Decimal	<a href="#">5556467</a>
CIELab	<a href="#">75.86, -19.75, -30.86</a>
CIELCh	<a href="#">76, 36.639, 237.385</a>
Yxy	<a href="#">49.6644, 0.2220, 0.2723</a>
Android (android.graphics.Color)	<a href="#">4283746547 (0xFF54C8F3)</a>
YUV	<a href="#">170.2180, 35.8815, -75.6132</a>
Hunter-Lab	<a href="#">70.4730, -20.7761, -28.2771</a>

# Details

The Android color `4283746547` is a light color, and the websafe version is hex `33CCFF`. The color can be described as light muted cyan. A complement of this color would be `4294147924`, and the grayscale version is `4289374890`.

A 20% lighter version of the original color is `4287954943`, and `4278227643` is the 20% darker color. If you saturate the color by 10%, you get `4282171891`, and if you desaturate by 10%, it is `4285321203`.

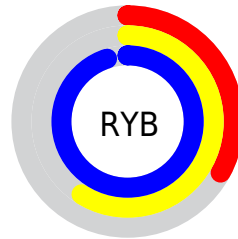
# Distribution



Red (33%)

Green (78%)

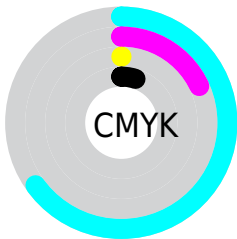
Blue (95%)



Red (33%)

Yellow (59%)

Blue (95%)

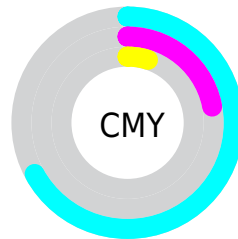


Cyan (65%)

Magenta (18%)

Yellow (0%)

Black (5%)



Cyan (67%)

Magenta (22%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283746547 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 4283746547 by changing the saturation by 10% instead.



 4283746547

 4283746547

4294967295

 4281118167

 4287954943

 4278227643

 4289986559

 4278220960

 4292018175

 4278214533

 4293984255

 4278208364

 4278202707

 4278197820

 4278190886

 4278190351

■ 4283746547

■ 4283746547

■ 4282171891

■ 4285321203

■ 4280531955

■ 4286961139

■ 4278957299

■ 4288535795

■ 4278235635

■ 4290110195

■ 4291684851

■ 4293324787

■ 4294899443

■ 4294966771

■ 4294967283

# Harmonies

## Analogous

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



4282568153



4283746547



4287086590

# Triad

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



4283746547



4294615487



4289905278

# Complementary

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



4283746547



4294147924

# 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.



4292196471



4283746547



4294812574

# Square

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



4283746547



4293109984



4293897347



4287285909

# Rectangle

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



4283746547



4289443835



4293897347



4290690938

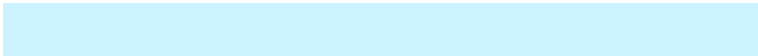


# Sweetspot

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



4283746547



4291621375



4283757438



4284577664



4278190080



4286611584



# Same Dimension

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



4283746547



4281780735



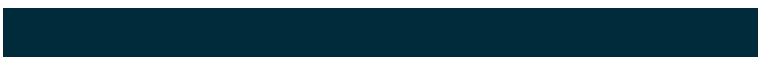
4283726323



4285429626



4278225082



4278201147



# Inverse Universe

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



4294137032



4294915785



4294168148



4286213751



4290379912

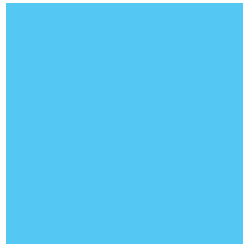


4282056747



# Previews

## White Background



This preview shows how the Android color 4283746547 looks on a white background.

## Color Contrast Check

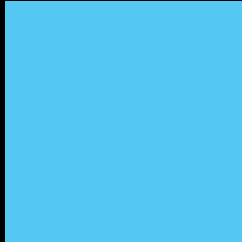
Large Text (above 18pt) WCAG AA × Fail

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 4283746547 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 4283746547 Background



This preview shows how black text looks on a background with the Android color 4283746547.




This preview shows how white text looks on a background with the Android color 4283746547.

# 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





**Tritanopia**  
4282961116

# Trichromacy



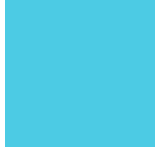
**Original Color**  
4283746547



**Protanomaly**  
4287479531



**Deuteranomaly**  
4287348214



**Tritanomaly**  
4283223012

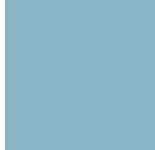
# Monochromacy



**Original Color**  
4283746547



**Achromatopsia**  
4289374890



**Achromatomaly**  
4287346117

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283746547 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, 200, 243)` looks like.

```
.text, #text, p{  
    color:rgb(84, 200, 243)  
}
```

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, 200, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 200, 243) }
```

## Border

The CSS property to change the border of an element to Android 4283746547 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, 200, 243) }
```

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

```
.border{ border-color:rgb(84, 200, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 200, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(84, 200, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(84, 200, 243); box-shadow:4px 4px 4px 4px rgb(84, 200, 243) }
```

# Background

The CSS property to change the background color of an element to Android 4283746547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 200, 243) }
```

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

```
.background{ background-color: rgb(84, 200,  
243) }
```

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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