

# Converting Colors

Android(4283752064)

Have a look what the booklet for  
Android(4283752064) contains.

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# **Color**

**Android(4283752064)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54DE80
RGB	84, 222, 128
RGB Percent	33%, 87%, 50%
CMY	0.6706, 0.1294, 0.4980
CMYK	0.62, 0.00, 0.42, 0.13
HSL	139°, 68%, 60%
HSV	139°, 62%, 87%
XYZ	33.6737, 55.6859, 29.3957
YIQ	170.0220, -52.0740, -58.4900

# Conversions

## Conversions Part 2

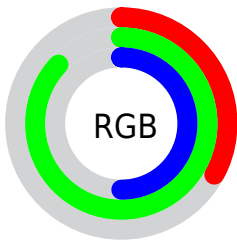
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 189, 222
Decimal	5561984
CIE Lab	79.43, -57.56, 35.28
CIE LCh	79, 67.511, 148.494
Yxy	55.6859, 0.2836, 0.4689
Android (android.graphics.Color)	4283752064 (0xFF54DE80)
YUV	170.0220, -20.7168, -75.4413
Hunter-Lab	74.6230, -50.0418, 28.8804

# Details

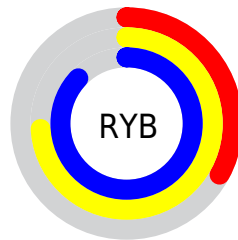
The Android color `4283752064` is a dark color, and the websafe version is hex `33CC66`. The color can be described as middle muted spring green. A complement of this color would be `4292760754`, and the grayscale version is `4289374890`.

A 20% lighter version of the original color is `4287823798`, and `4278232653` is the 20% darker color. If you saturate the color by 10%, you get `4282310257`, and if you desaturate by 10%, it is `4285193871`.

# Distribution



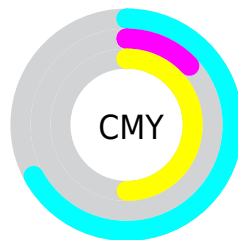
- Red (33%)
- Green (87%)
- Blue (50%)



- Red (33%)
- Yellow (74%)
- Blue (87%)



- Cyan (62%)
- Magenta (0%)
- Yellow (42%)
- Black (13%)



- Cyan (67%)
- Magenta (13%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283752064 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 4283752064 by changing the saturation by 10% instead.





4283752064



4283752064

4294967295



4281385574



4287823798



4278232653



4289789906



4278225461



4291756014



4278218780



4293722111



4278212097



4278205696



4278199808



4278190080



4283752064



4283752064

 4282310257

 4285193871

 4280868450

 4286635678

 4279361107

 4288143021

 4278246983

 4289584828

 4291026636

 4292468443

 4293910250

 4294958841

 4294958847

# Harmonies

## Analogous

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



4289450830



4283752064



4278248383

# Triad

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



4283752064



4278242815



4294939276

# Complementary

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



4283752064



4292760754

# 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.



4294937803



4283752064



4290885375

# Square

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



4283752064



4278246655



4294941695



4294945113

# Rectangle

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



4283752064



4278248683



4294941695



4294938272

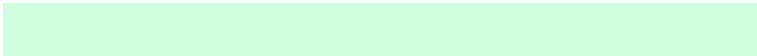


# Sweetspot

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



4283752064



4291821534



4289912404



4284645484



4278190080



4286611584



# Same Dimension

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



4283752064



4282449789



4283752133



4284837993



4278235192



4278202383



# Inverse Universe

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



4292760754



4294918338



4292760685



4285556077



4289724536

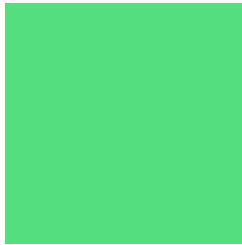


4281335841



# Previews

## White Background



This preview shows how the Android color 4283752064 looks on a white background.

## Color Contrast Check

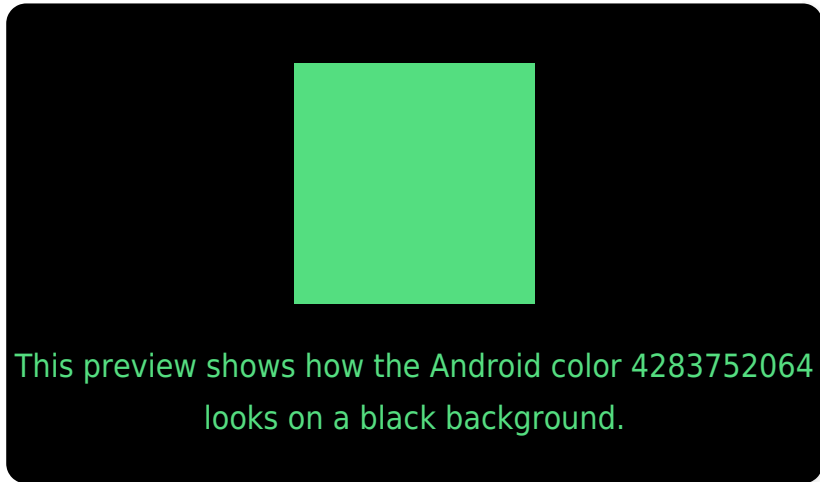
Large Text (above 18pt) WCAG AA × Fail

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

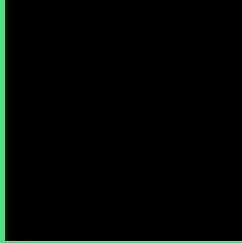
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4283752064 Background



This preview shows how black text looks on a background with the Android color 4283752064.

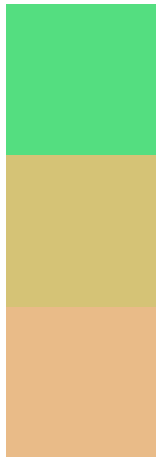


This preview shows how white text looks on a background with the Android color 4283752064.

# 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](#).

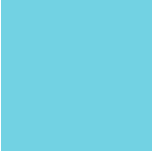
## Dichromacy



**Original Color**  
4283752064

**Protanopia**  
4292199286

**Deuteranopia**  
4293507976



**Tritanopia**  
4285715171

# Trichromacy



**Original Color**

4283752064



**Protanomaly**

4289121658



**Deuteranomaly**

4289972357



**Tritanomaly**

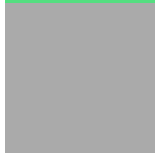
4284995263

# Monochromacy



**Original Color**

4283752064



**Achromatopsia**

4289374890



**Achromatomaly**

4287348123

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283752064 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, 222, 128)` looks like.

```
.text, #text, p{  
    color:rgb(84, 222, 128)  
}
```

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, 222, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 222, 128) }
```

## Border

The CSS property to change the border of an element to Android 4283752064 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, 222, 128) }
```

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

```
.border{ border-color:rgb(84, 222, 128) }
```

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

Here you see how a box with a 4 pixel rgb(84, 222, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 222, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 222, 128);  
box-shadow:4px 4px 4px 4px rgb(84, 222,  
128) }
```

# Background

The CSS property to change the background color of an element to Android 4283752064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 222, 128) }
```

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

```
.background{ background-color: rgb(84, 222,  
128) }
```

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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