

# Converting Colors

Android(4283548751)

Have a look what the booklet for  
Android(4283548751) contains.

<b>Android(4283548751)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4283548751)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51C44F
RGB	81, 196, 79
RGB Percent	32%, 77%, 31%
CMY	0.6824, 0.2314, 0.6902
CMYK	0.59, 0.00, 0.60, 0.23
HSL	119°, 50%, 54%
HSV	119°, 60%, 77%
XYZ	24.5445, 41.7937, 14.1705
YIQ	148.2770, -30.9830, -60.7670

# Conversions

## Conversions Part 2

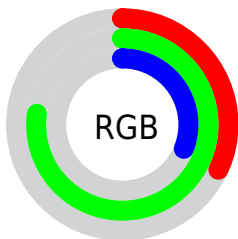
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">79, 196, 194</a>
Decimal	<a href="#">5358671</a>
CIELab	<a href="#">70.73, -55.43, 48.18</a>
CIELCh	<a href="#">71, 73.440, 139.002</a>
Yxy	<a href="#">41.7937, 0.3049, 0.5191</a>
Android (android.graphics.Color)	<a href="#">4283548751 (0xFF51C44F)</a>
YUV	<a href="#">148.2770, -34.1536, -59.0019</a>
Hunter-Lab	<a href="#">64.6480, -45.3640, 32.2576</a>

# Details

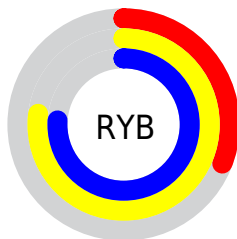
The Android color `4283548751` is a dark color, and the websafe version is hex `66CC66`. The color can be described as dark muted green. A complement of this color would be `4290924484`, and the grayscale version is `4287993237`.

A 20% lighter version of the original color is `4287495812`, and `4278226201` is the 20% darker color. If you saturate the color by 10%, you get `4282303547`, and if you desaturate by 10%, it is `4284793955`.

# Distribution



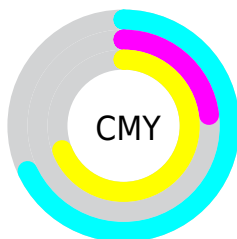
- Red (32%)
- Green (77%)
- Blue (31%)



- Red (31%)
- Yellow (77%)
- Blue (76%)



- Cyan (59%)
- Magenta (0%)
- Yellow (60%)
- Black (23%)



- Cyan (68%)
- Magenta (23%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283548751 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 4283548751 by changing the saturation by 10% instead.





4283548751



4283548751

4294967295



4281313333



4287495812



4278226201



4289396639



4278219520



4291297211



4278212864



4293263319



4278206464



4294967284



4278200832



4278191360



4278190080



4283548751



4283548751

 4282303547

 4284793955

 4280992808

 4286104694

 4279747604


 4287349898

 4278502401

 4288595101

 4278436864

 4289840305

 4291151045

 4292396248

 4293641452

 4294886655

# Harmonies

## Analogous

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



4289050388



4283548751



4278242193

# Triad

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



4283548751



4278238463



4294929798

# Complementary

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



4283548751



4290924484

# 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.



4294930121



4283548751



4286228223

# Square

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



4283548751



4278241535



4293232895



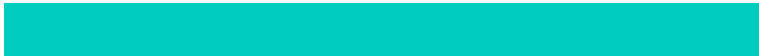
4294935881

# Rectangle

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



4283548751



4278242496



4293232895



4294929052

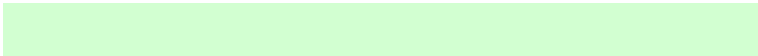


# Sweetspot

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



4283548751



4292018129



4291084367



4284776547



4278190080



4286611584



# Same Dimension

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



4283548751



4283170631



4283417734



4283916631



4278427904



4278264064



# Inverse Universe

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



4290924484



4294723583



4291055501



4284569441



4288544929



4280352801



# Previews

## White Background



This preview shows how the Android color 4283548751 looks on a white background.

## Color Contrast Check

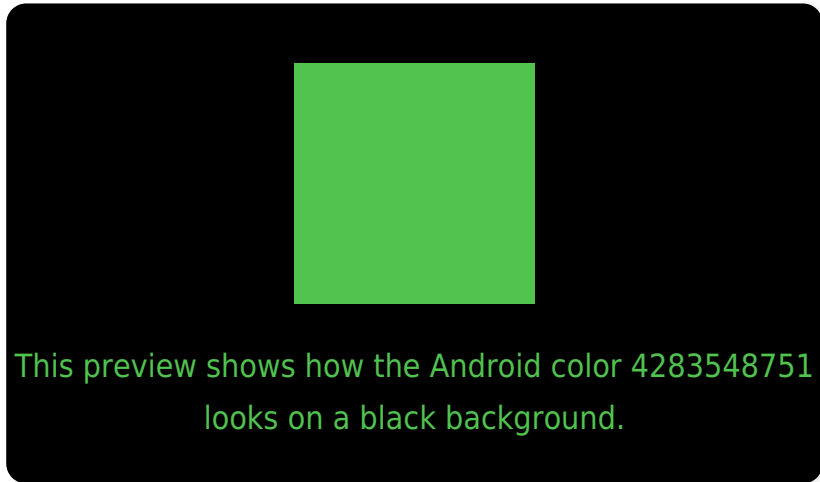
Large Text (above 18pt) WCAG AA × Fail

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

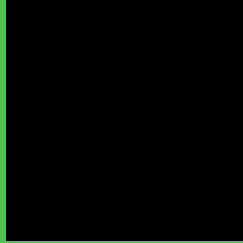
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4283548751 Background



This preview shows how black text looks on a background with the Android color 4283548751.

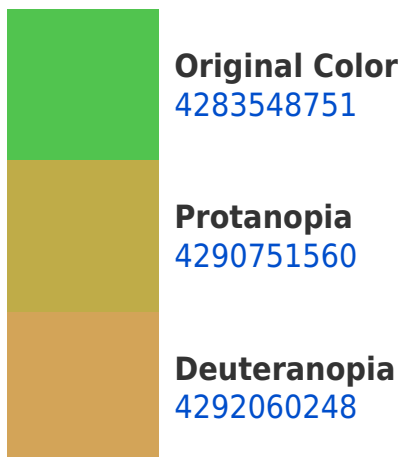


This preview shows how white text looks on a background with the Android color 4283548751.

# 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**  
4283548751



**Protanomaly**  
4288132427



**Deuteranomaly**  
4288983125



**Tritanomaly**  
4284726427

# Monochromacy



**Original Color**  
4283548751



**Achromatopsia**  
4287927444



**Achromatomaly**  
4286358907

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283548751 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, 196, 79)` looks like.

```
.text, #text, p{  
    color:rgb(81, 196, 79)  
}
```

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, 196, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 196, 79) }
```

## Border

The CSS property to change the border of an element to Android 4283548751 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, 196, 79) }
```

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

```
.border{ border-color:rgb(81, 196, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 196, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 196, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 196, 79);  
box-shadow:4px 4px 4px 4px rgb(81, 196,  
79) }
```

# Background

The CSS property to change the background color of an element to Android 4283548751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 196, 79) }
```

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

```
.background{ background-color: rgb(81, 196,  
79) }
```

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