

# Converting Colors

Android(4283947824)

Have a look what the booklet for  
Android(4283947824) contains.

<b>Android(4283947824)</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(4283947824)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57DB30
RGB	87, 219, 48
RGB Percent	34%, 86%, 19%
CMY	0.6588, 0.1412, 0.8118
CMYK	0.60, 0.00, 0.78, 0.14
HSL	106°, 70%, 52%
HSV	106°, 78%, 86%
XYZ	29.7955, 52.9027, 11.4372
YIQ	160.0380, -23.7810, -81.1650

# Conversions

## Conversions Part 2

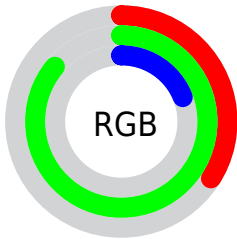
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 219, 180
Decimal	5757744
CIELab	77.82, -64.73, 67.39
CIELCh	78, 93.440, 133.847
Yxy	52.9027, 0.3165, 0.5620
Android (android.graphics.Color)	4283947824 (0xFF57DB30)
YUV	160.0380, -55.2347, -64.0543
Hunter-Lab	72.7342, -54.1626, 41.5908

# Details

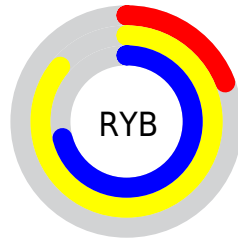
The Android color `4283947824` is a dark color, and the websafe version is hex `33CC00`. The color can be described as dark muted green. A complement of this color would be `4289999067`, and the grayscale version is `4288782753`.

A 20% lighter version of the original color is `4288085867`, and `4278231808` is the 20% darker color. If you saturate the color by 10%, you get `4282833690`, and if you desaturate by 10%, it is `4285061958`.

# Distribution



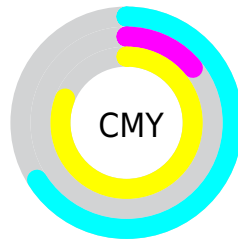
- Red (34%)
- Green (86%)
- Blue (19%)



- Red (19%)
- Yellow (86%)
- Blue (71%)



- Cyan (60%)
- Magenta (0%)
- Yellow (78%)
- Black (14%)



- Cyan (66%)
- Magenta (14%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283947824 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 4283947824 by changing the saturation by 10% instead.





4283947824



4283947824

4294967295



4281515776



4288085867



4278231808



4290117511



4278224640



4292083620



4278217984



4294115265



4278211328



4294967262



4278205184



4294967291



4278198784



4278190080




4283947824




4283947824

 4282833690

 4285061958

 4281719556

 4286176092


 4281522944

 4287290226

 4288404360

 4289518493

 4290567091

 4291681225

 4292795359

 4293909493

# Harmonies

## Analogous

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



4290889984



4283947824



4278248589

# Triad

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



4283947824



4278245375



4294926236

# Complementary

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



4283947824



4289999067

# 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.



4294928883



4283947824



4279877119

# Square

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



4283947824



4278248703



4294284799



4294935114

# Rectangle

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



4283947824



4278249417



4294284799



4294925241

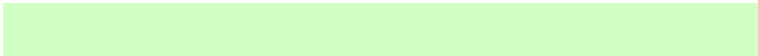


# Sweetspot

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



4283947824



4292018116



4292588336



4284776540



4278190080



4286611584



# Same Dimension

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



4283947824



4282842895



4281391966



4284837475



4280855808



4278857216



# Inverse Universe

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



4289999067



4291301375



4292554925



4285227886



4286972077

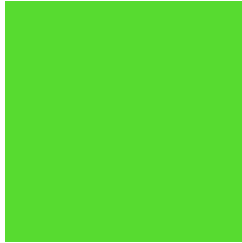


4280483886



# Previews

## White Background



This preview shows how the Android color 4283947824 looks on a white background.

## Color Contrast Check

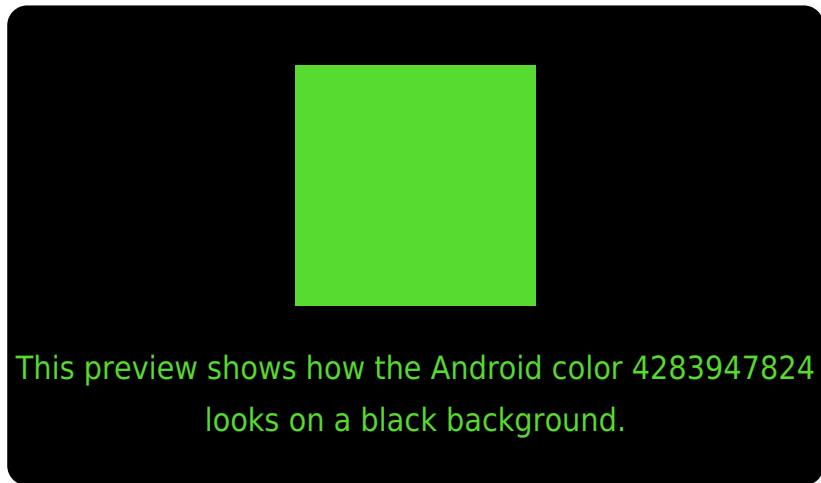
Large Text (above 18pt) WCAG AA × Fail

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

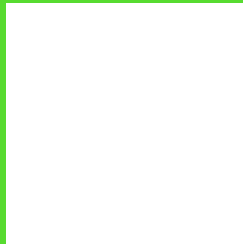
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283947824 Background



This preview shows how black text looks on a background with the Android color 4283947824.

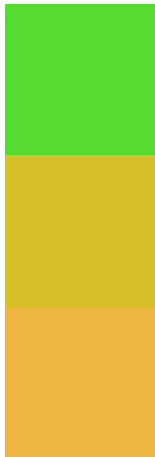


This preview shows how white text looks on a background with the Android color 4283947824.

# 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**  
4283947824

**Protanopia**  
4292329257

**Deuteranopia**  
4293834049



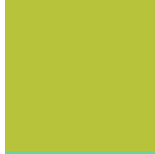
# Trichromacy



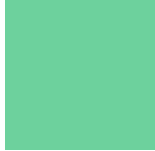
**Original Color**  
4283947824



**Protanomaly**  
4289251628



**Deuteranomaly**  
4290233147



**Tritanomaly**  
4285387165

# Monochromacy



**Original Color**  
4283947824



**Achromatopsia**  
4288716960



**Achromatomaly**  
4286952823

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283947824 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(87, 219, 48)` looks like.

```
.text, #text, p{  
    color:rgb(87, 219, 48)  
}
```

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(87, 219, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 219, 48) }
```

## Border

The CSS property to change the border of an element to Android 4283947824 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(87, 219, 48) }
```

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

```
.border{ border-color:rgb(87, 219, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 219, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 219, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 219, 48);  
box-shadow:4px 4px 4px 4px rgb(87, 219,  
48) }
```

# Background

The CSS property to change the background color of an element to Android 4283947824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 219, 48) }
```

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

```
.background{ background-color: rgb(87, 219,  
48) }
```

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