

# Converting Colors

Android(4278240580)

Have a look what the booklet for  
Android(4278240580) contains.

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# **Color**

**Android(4278240580)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	00C544
RGB	0, 197, 68
RGB Percent	0%, 77%, 27%
CMY	1.0000, 0.2275, 0.7333
CMYK	1.00, 0.00, 0.65, 0.23
HSL	141°, 100%, 39%
HSV	141°, 100%, 77%
XYZ	21.0096, 40.3499, 12.1498
YIQ	123.3910, -76.0030, -81.8830

# Conversions

## Conversions Part 2

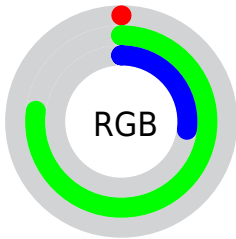
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 146, 197
Decimal	50500
CIELab	69.72, -67.16, 51.50
CIELCh	70, 84.632, 142.515
Yxy	40.3499, 0.2858, 0.5489
Android (android.graphics.Color)	4278240580 (0xFF00C544)
YUV	123.3910, -27.3078, -108.2139
Hunter-Lab	63.5215, -52.1241, 33.1246

# Details

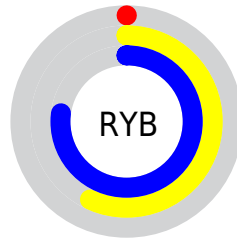
The Android color **4278240580** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **4291100801**, and the grayscale version is **4286348412**.

A 20% lighter version of the original color is **4284874617**, and **4278226180** is the 20% darker color. If you saturate the color by 10%, you get **4278240580**, and if you desaturate by 10%, it is **4279551313**.

# Distribution



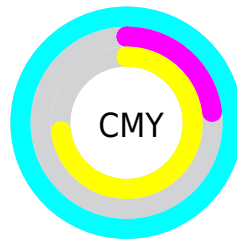
- Red (0%)
- Green (77%)
- Blue (27%)



- Red (0%)
- Yellow (57%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (65%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278240580 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 4278240580 by changing the saturation by 10% instead.



 4278240580

 4278240580

4294967295

 4278233384

 4284874617

 4278226180

 4286971796

 4278219520

 4289003440

 4278212608

 4291035084

 4278206464

 4293066729

 4278200064

 4278190080

 4278240580

 4279551313

 4280796510

 4282107243

 4283417976

 4284728709

 4285973905

 4287284638

 4288595371

 4289840568

# Harmonies

## Analogous

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



4288002048



4278240580



4278242196

# Triad

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



4278240580



4278237695



4294925173

# Complementary

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



4278240580



4291100801

# 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.



4294923969



4278240580



4286226175

# Square

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



4278240580



4278241535



4294146303



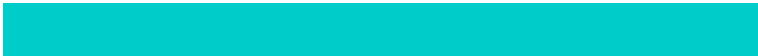
4294934060

# Rectangle

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



4278240580



4278242761



4294146303



4294923406

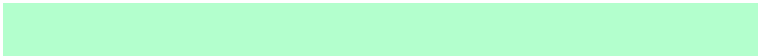


# Sweetspot

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



4278240580



4289986509



4286825728



4283596897



4278190080



4286611584



# Same Dimension

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



4278240580



4278255448



4278240676



4284113757



4278231864



4278199308



# Inverse Universe

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



4291100801



4294901927



4291100705



4284701280



4288872555



4280549399



# Previews

## White Background



This preview shows how the Android color 4278240580 looks on a white background.

## Color Contrast Check

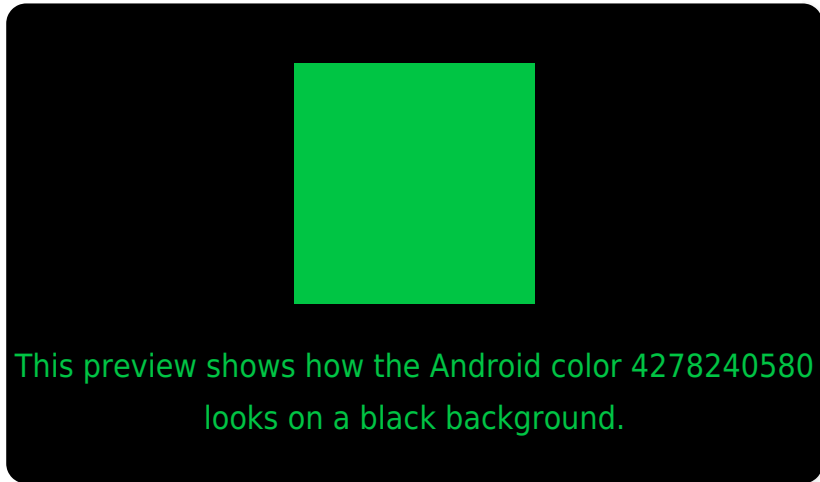
Large Text (above 18pt) WCAG AA × Fail

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 4278240580 Background



This preview shows how black text looks on a background with the Android color 4278240580.



This preview shows how white text looks on a background with the Android color 4278240580.

# 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**

4278240580



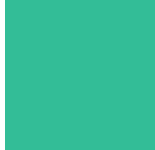
**Protanomaly**

4286100287



**Deuteranomaly**

4286950987



**Tritanomaly**

4281580951

# Monochromacy



**Original Color**

4278240580



**Achromatopsia**

4286282619



**Achromatomaly**

4283340391

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278240580 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(0, 197, 68)` looks like.

```
.text, #text, p{  
    color:rgb(0, 197, 68)  
}
```

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(0, 197, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 197, 68) }
```

## Border

The CSS property to change the border of an element to Android 4278240580 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(0, 197, 68) }
```

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

```
.border{ border-color:rgb(0, 197, 68) }
```

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

Here you see how a box with a 4 pixel rgb(0, 197, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 197, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 197, 68);  
box-shadow:4px 4px 4px 4px rgb(0, 197, 68)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278240580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 197, 68) }
```

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

```
.background{ background-color: rgb(0, 197,  
68) }
```

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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