

# Converting Colors

Android(4278247485)

Have a look what the booklet for  
Android(4278247485) contains.

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**Color**

**Android(4278247485)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00E03D
RGB	0, 224, 61
RGB Percent	0%, 88%, 24%
CMY	1.0000, 0.1216, 0.7608
CMYK	1.00, 0.00, 0.73, 0.12
HSL	136°, 100%, 44%
HSV	136°, 100%, 88%
XYZ	27.4980, 53.6482, 13.3207
YIQ	138.4420, -81.1810, -98.1810

# Conversions

## Conversions Part 2

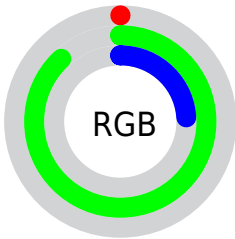
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 176, 224
Decimal	57405
CIELab	78.26, -75.58, 63.23
CIELCh	78, 98.541, 140.088
Yxy	53.6482, 0.2911, 0.5679
Android (android.graphics.Color)	4278247485 (0xFF00E03D)
YUV	138.4420, -38.1789, -121.4136
Hunter-Lab	73.2450, -61.1654, 40.4887

# Details

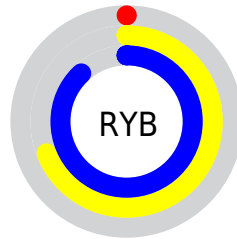
The Android color `4278247485` is a dark color, and the websafe version is hex `00CC33`. The color can be described as dark washed green. A complement of this color would be `4292870307`, and the grayscale version is `4287335307`.

A 20% lighter version of the original color is `4285398902`, and `4278232832` is the 20% darker color. If you saturate the color by 10%, you get `4278247485`, and if you desaturate by 10%, it is `4279689293`.

# Distribution



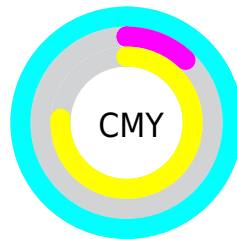
- Red (0%)
- Green (88%)
- Blue (24%)



- Red (0%)
- Yellow (69%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (12%)



- Cyan (100%)
- Magenta (12%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278247485 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 4278247485 by changing the saturation by 10% instead.



 4278247485

 4278247485

4294967295

 4278240028

 4285398902

 4278232832

 4287627154

 4278225664

 4289789870

 4278218752

 4291821515

 4278212096

 4293918696


 4278205952

 4278199040

 4278190080

 4278247485

 4279689293

 4281196638

 4282638446

 4284145790

 4285587599

 4287029407

 4288536751

 4289978559

 4291485904

# Harmonies

## Analogous

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



4289646592



4278247485



4278249631

# Triad

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



4278247485



4278245119



4294925193

# Complementary

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



4278247485



4292870307

# 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.



4294924772



4278247485



4285315071

# Square

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



4278247485



4278248959



4294936831



4294936623

# Rectangle

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



4278247485



4278250207



4294936831



4294922919

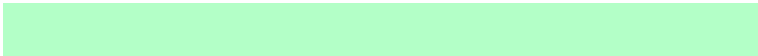


# Sweetspot

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



4278247485



4289986503



4288995328



4283596894



4278190080



4286611584



# Same Dimension

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



4278247485



4278255429



4278247596



4284837992



4278235184



4278202381



# Inverse Universe

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



4292870307



4294901946



4292870196



4285556077



4289724544

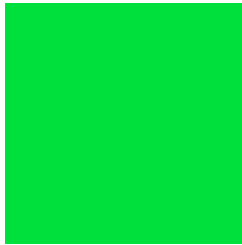


4281335843



# Previews

## White Background



This preview shows how the Android color 4278247485 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 4278247485 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 4278247485 Background



This preview shows how black text looks on a background with the Android color 4278247485.

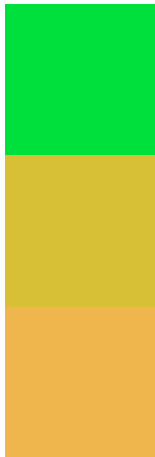


This preview shows how white text looks on a background with the Android color 4278247485.

# 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



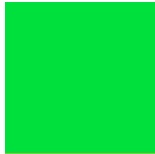
**Original Color**  
4278247485

**Protanopia**  
4292329525

**Deuteranopia**  
4293899853



# Trichromacy



**Original Color**

4278247485



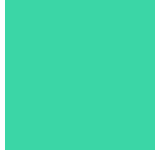
**Protanomaly**

4287220792



**Deuteranomaly**

4288202055



**Tritanomaly**

4282111654

# Monochromacy



**Original Color**

4278247485



**Achromatopsia**

4287269514



**Achromatomaly**

4284000622

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278247485 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, 224, 61)` looks like.

```
.text, #text, p{  
    color:rgb(0, 224, 61)  
}
```

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, 224, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 224, 61) }
```

## Border

The CSS property to change the border of an element to Android 4278247485 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, 224, 61) }
```

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

```
.border{ border-color:rgb(0, 224, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 224, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 224, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 224, 61);  
box-shadow:4px 4px 4px 4px rgb(0, 224, 61)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278247485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 224, 61) }
```

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

```
.background{ background-color: rgb(0, 224,  
61) }
```

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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