

# Converting Colors

Android(4278484736)

Have a look what the booklet for  
Android(4278484736) contains.

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# Color

**Android(4278484736)**

# Conversions

## Conversions Part 1

Format	Color
Hex	047F00
RGB	4, 127, 0
RGB Percent	2%, 50%, 0%
CMY	0.9843, 0.5020, 1.0000
CMYK	0.97, 0.00, 1.00, 0.50
HSL	118°, 100%, 25%
HSV	118°, 100%, 50%
XYZ	7.6394, 15.2046, 2.5321
YIQ	75.7450, -32.5410, -65.5730

# Conversions

## Conversions Part 2

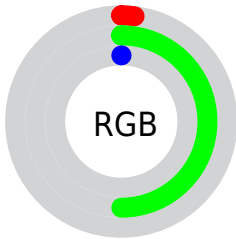
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 127, 123
Decimal	294656
CIELab	45.91, -51.09, 49.66
CIELCh	46, 71.246, 135.812
Yxy	15.2046, 0.3010, 0.5992
Android (android.graphics.Color)	4278484736 (0xFF047F00)
YUV	75.7450, -37.3423, -62.9204
Hunter-Lab	38.9930, -33.2664, 23.4449

# Details

The Android color **4278484736** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **4286251135**, and the grayscale version is **4283190348**.

A 20% lighter version of the original color is **4283610431**, and **4278209536** is the 20% darker color. If you saturate the color by 10%, you get **4278484736**, and if you desaturate by 10%, it is **4279271181**.

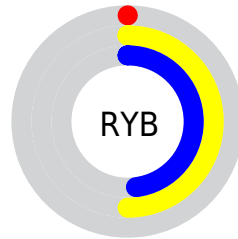
# Distribution



Red (2%)

Green (50%)

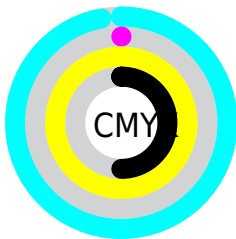
Blue (0%)



Red (0%)

Yellow (50%)

Blue (48%)

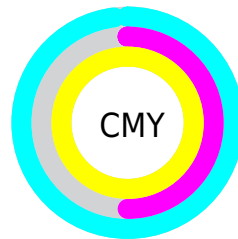


Cyan (97%)

Magenta (0%)

Yellow (100%)

Black (50%)



Cyan (98%)

Magenta (50%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278484736 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 4278484736 by changing the saturation by 10% instead.



 4278484736

 4278484736

4294967295

 4278215936

 4283610431

 4278209536

 4285583706

 4278203392

 4287426164

 4278197504

 4289331087

 4278190080

 4291231658

 4293197766


 4294967267

 4278484736

 4279271181

 4280123161

 4280909606

 4281696051

 4282548032

 4283334476

 4284120921

 4284907366

 4285759346

# Harmonies

## Analogous

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



4284969984



4278484736



4278223949

# Triad

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



4278484736



4278222050



4292025168

# Complementary

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



4278484736



4286251135

# 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.



4291240844



4278484736



4278217441

# Square

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



4278484736



4278224066



4287974337



4290855188

# Rectangle

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



4278484736



4278224503



4287974337



4292023396



# Sweetspot

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



4278484736



4285965940



4286544640



4281816118



4292138196



4283716692



# Same Dimension

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



4278484736



4278560256



4278222651



4282007609



4278484992



4278190080



# Inverse Universe

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



4286251135



4288741542



4286513220



4282399040



4286251136

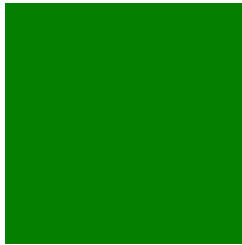


4278190080



# Previews

## White Background



This preview shows how the Android color 4278484736 looks on a white background.

## Color Contrast Check

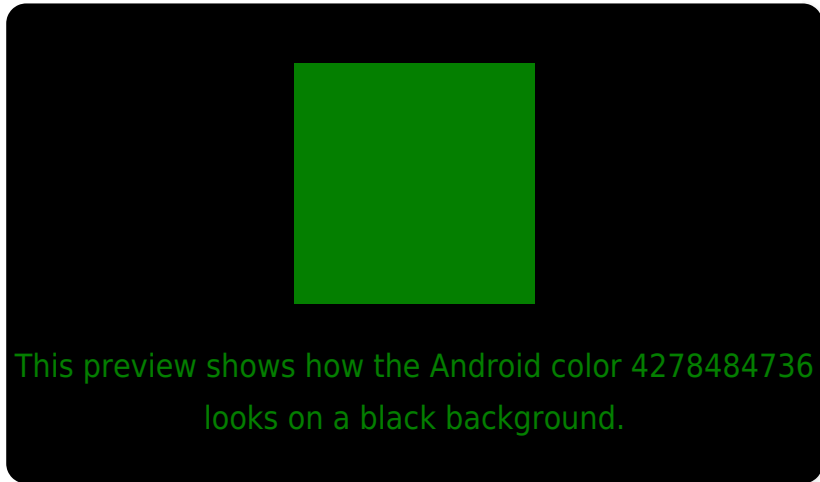
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278484736 Background



This preview shows how black text looks on a background with the Android color 4278484736.



This preview shows how white text looks on a background with the Android color 4278484736.

# 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**  
4278484736

**Protanopia**  
4286213376

**Deuteranopia**  
4287129372



# Trichromacy



**Original Color**

4278484736



**Protanomaly**

4283397120



**Deuteranomaly**

4283985938



**Tritanomaly**

4280514897

# Monochromacy



**Original Color**

4278484736



**Achromatopsia**

4283190348



**Achromatomaly**

4281491248

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278484736 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(4, 127, 0)` looks like.

```
.text, #text, p{  
    color:rgb(4, 127, 0)  
}
```

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(4, 127, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 127, 0) }
```

## Border

The CSS property to change the border of an element to Android 4278484736 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(4, 127, 0) }
```

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

```
.border{ border-color:rgb(4, 127, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 127, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 127, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 127, 0); box-shadow:4px  
4px 4px 4px rgb(4, 127, 0) }
```

# Background

The CSS property to change the background color of an element to Android 4278484736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 127, 0) }
```

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

```
.background{ background-color: rgb(4, 127,  
0) }
```

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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