

# Converting Colors

Android(4278612225)

Have a look what the booklet for  
Android(4278612225) contains.

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# Color

**Android(4278612225)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	067101
RGB	6, 113, 1
RGB Percent	2%, 44%, 0%
CMY	0.9765, 0.5569, 0.9961
CMYK	0.95, 0.00, 0.99, 0.56
HSL	117°, 98%, 22%
HSV	117°, 99%, 44%
XYZ	5.9857, 11.8512, 2.0007
YIQ	68.2390, -27.8200, -57.5160

# Conversions

## Conversions Part 2

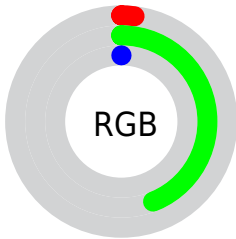
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 113, 108
Decimal	422145
CIE <sub>Lab</sub>	40.98, -46.67, 45.46
CIE <sub>LCh</sub>	41, 65.153, 135.751
Yxy	11.8512, 0.3017, 0.5974
Android (android.graphics.Color)	4278612225 (0xFF067101)
YUV	68.2390, -33.1488, -54.5836
Hunter-Lab	34.4255, -29.2081, 20.6521

# Details

The Android color **4278612225** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4285268337**, and the grayscale version is **4282729797**.

A 20% lighter version of the original color is **4283344444**, and **4278206208** is the 20% darker color. If you saturate the color by 10%, you get **4278546688**, and if you desaturate by 10%, it is **4279333132**.

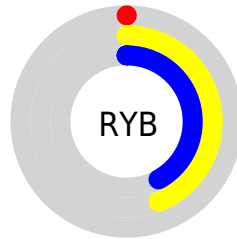
# Distribution



Red (2%)

Green (44%)

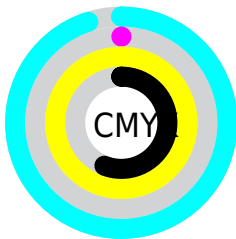
Blue (0%)



Red (0%)

Yellow (44%)

Blue (42%)

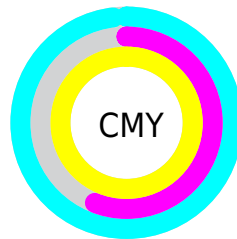


Cyan (95%)

Magenta (0%)

Yellow (99%)

Black (56%)



Cyan (98%)

Magenta (56%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278612225 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 4278612225 by changing the saturation by 10% instead.





4278612225



4278612225



4294967291



4278212608



4283344444



4278206208



4285252182



4278200832



4287094384



4278191872



4288936843



4278190080



4290838438



4292739010



4294639582



4278612225



4278612225

■ 4278546688

■ 4279333132

■ 4280054040

■ 4280709411

■ 4281430318

■ 4282151226

■ 4282872133

■ 4283593040

■ 4284248411

■ 4284969319

# Harmonies

## Analogous

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



4284245760



4278612225



4278220356

# Triad

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



4278612225



4278218441



4290517063

# Complementary

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



4278612225



4285268337

# 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.



4289798012



4278612225



4278214345

# Square

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



4278612225



4278220461



4286857900



4289542418

# Rectangle

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



4278612225



4278220650



4286857900



4290515801



# Sweetspot

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



4278612225



4285174888



4285623041



4281420335



4291414473



4283058762



# Same Dimension

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



4278612225



4278686720



4278284595



4281546802



4278548480



4278974208



# Inverse Universe

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



4285268337



4287430804



4285595967



4281872952



4285661304

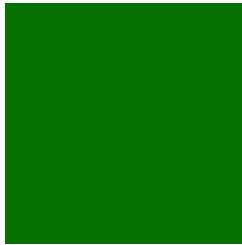


4293656823



# Previews

## White Background



This preview shows how the Android color 4278612225 looks on a white background.

## Color Contrast Check

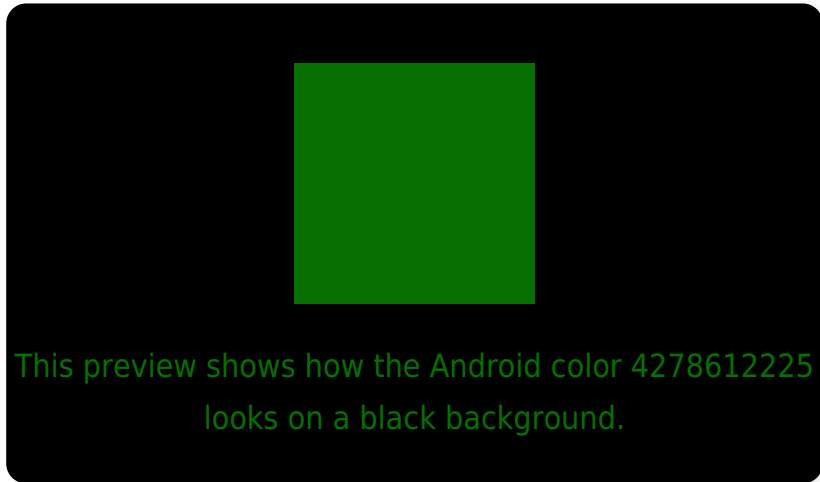
Large Text (above 18pt) WCAG AA ✓ Pass

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

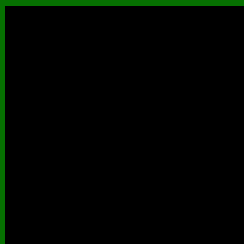
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Android 4278612225 Background



This preview shows how black text looks on a background with the Android color 4278612225.



This preview shows how white text looks on a background with the Android color 4278612225.

# 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**  
4278612225

**Protanopia**  
4285358336

**Deuteranopia**  
4286143513



# Trichromacy



**Original Color**

4278612225



**Protanomaly**

4282935040



**Deuteranomaly**

4283393040



**Tritanomaly**

4280380489

# Monochromacy



**Original Color**

4278612225



**Achromatopsia**

4282664004



**Achromatomaly**

4281160748

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278612225 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(6, 113, 1)` looks like.

```
.text, #text, p{  
    color:rgb(6, 113, 1)  
}
```

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(6, 113, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 113, 1) }
```

## Border

The CSS property to change the border of an element to Android 4278612225 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(6, 113, 1) }
```

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

```
.border{ border-color:rgb(6, 113, 1) }
```

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

Here you see how a box with a 4 pixel rgb(6, 113, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 113, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 113, 1); box-shadow:4px  
4px 4px 4px rgb(6, 113, 1) }
```

# Background

The CSS property to change the background color of an element to Android 4278612225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 113, 1) }
```

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

```
.background{ background-color: rgb(6, 113,  
1) }
```

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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