

# Converting Colors

Android(4278944256)

Have a look what the booklet for  
Android(4278944256) contains.

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# Color

**Android(4278944256)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0B8200
RGB	11, 130, 0
RGB Percent	4%, 51%, 0%
CMY	0.9569, 0.4902, 1.0000
CMYK	0.92, 0.00, 1.00, 0.49
HSL	115°, 100%, 25%
HSV	115°, 100%, 51%
XYZ	8.1206, 16.0364, 2.6673
YIQ	79.5990, -29.1940, -65.6580

# Conversions

## Conversions Part 2

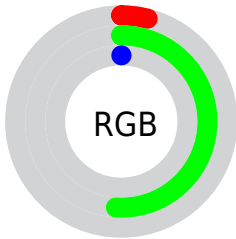
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 130, 119
Decimal	754176
CIELab	47.02, -51.43, 50.57
CIELCh	47, 72.129, 135.481
Yxy	16.0364, 0.3027, 0.5978
Android (android.graphics.Color)	4278944256 (0xFF0B8200)
YUV	79.5990, -39.2423, -60.1613
Hunter-Lab	40.0455, -33.8824, 24.0827

# Details

The Android color `4278944256` is a dark color, and the websafe version is hex `339900`. A complement of this color would be `4285988994`, and the grayscale version is `4283453520`.

A 20% lighter version of the original color is `4283807808`, and `4278210304` is the 20% darker color. If you saturate the color by 10%, you get `4278944256`, and if you desaturate by 10%, it is `4279730701`.

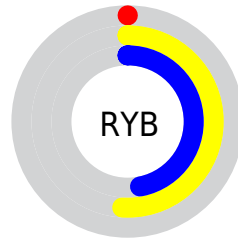
# Distribution



Red (4%)

Green (51%)

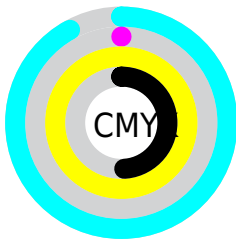
Blue (0%)



Red (0%)

Yellow (51%)

Blue (47%)

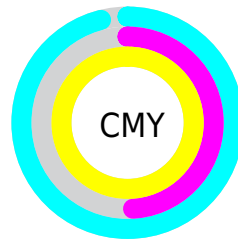


Cyan (92%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (96%)

Magenta (49%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278944256 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 4278944256 by changing the saturation by 10% instead.



 4278944256

 4278944256

4294967295

 4278216704

 4283807808

 4278210304

 4285715546

 4278204160

 4287623541

 4278198272

 4289527696

 4278190080

 4291428267


 4293394376

 4294967268

 4278944256

 4279730701

 4280517146

 4281303591

 4282090036

 4282810945

 4283597390

 4284383835

 4285170280

 4285956725

# Harmonies

## Analogous

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



4285232640



4278944256



4278224975

# Triad

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



4278944256



4278222822



4292353363

# Complementary

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



4278944256



4285988994

# 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.



4291503760



4278944256



4278217958

# Square

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



4278944256



4278225094



4288105926



4291183383

# Rectangle

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



4278944256



4278225273



4288105926



4292286311



# Sweetspot

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



4278944256



4286228598



4286739712



4281881654



4292138196



4283716692



# Same Dimension

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



4278944256



4279150592



4278223412



4282007609



4278943744



4278190080



# Inverse Universe

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



4285988994



4288282792



4286709838



4282333504



4285857920

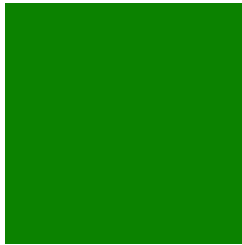


4278190080



# Previews

## White Background



This preview shows how the Android color 4278944256 looks on a white background.

## Color Contrast Check

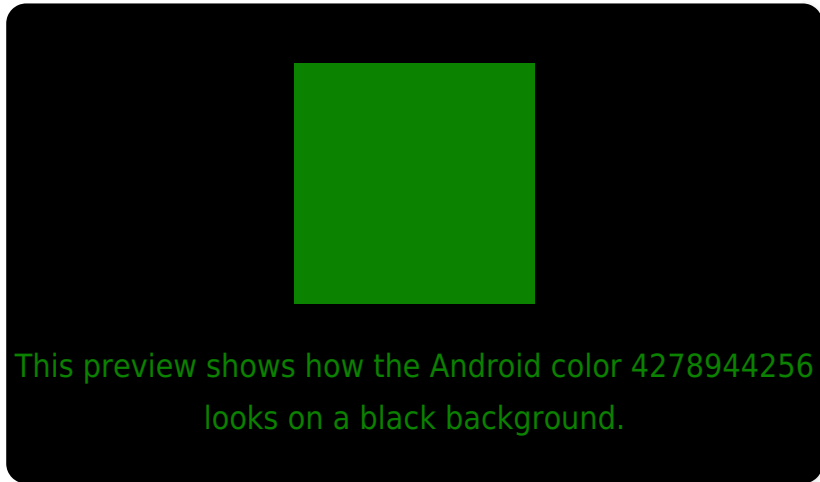
Large Text (above 18pt) WCAG AA ✓ Pass

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

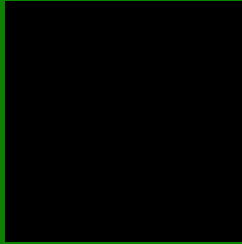
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278944256 Background



This preview shows how black text looks on a background with the Android color 4278944256.



This preview shows how white text looks on a background with the Android color 4278944256.

# 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**  
4278944256

**Protanopia**  
4286410496

**Deuteranopia**  
4287392028



# Trichromacy



**Original Color**

4278944256



**Protanomaly**

4283725312



**Deuteranomaly**

4284314130



**Tritanomaly**

4280777811

# Monochromacy



**Original Color**

4278944256



**Achromatopsia**

4283453520



**Achromatomaly**

4281819699

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278944256 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(11, 130, 0)` looks like.

```
.text, #text, p{  
    color:rgb(11, 130, 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(11, 130, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 130, 0) }
```

## Border

The CSS property to change the border of an element to Android 4278944256 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(11, 130, 0) }
```

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

```
.border{ border-color:rgb(11, 130, 0) }
```

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

Here you see how a box with a 4 pixel rgb(11, 130, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 130, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 130, 0);  
box-shadow:4px 4px 4px 4px rgb(11, 130, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278944256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 130, 0) }
```

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

```
.background{ background-color: rgb(11, 130,  
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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