

# Converting Colors

Android(4278420736)

Have a look what the booklet for  
Android(4278420736) contains.

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**Color**

**Android(4278420736)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 038500                      |
| RGB           | 3, 133, 0                   |
| RGB Percent   | 1%, 52%, 0%                 |
| CMY           | 0.9882, 0.4784, 1.0000      |
| CMYK          | 0.98, 0.00, 1.00, 0.48      |
| HSL           | 119°, 100%, 26%             |
| HSV           | 119°, 100%, 52%             |
| XYZ           | 8.4251, 16.7944, 2.7976     |
| YIQ           | 78.9680, -34.7870, -68.9230 |

# Conversions

## Conversions Part 2

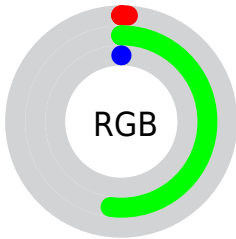
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 0, 133, 130                    |
| Decimal                             | 230656                         |
| CIELab                              | 48.00, -52.92, 51.33           |
| CIELCh                              | 48, 73.727, 135.877            |
| Yxy                                 | 16.7944, 0.3007,<br>0.5994     |
| Android<br>(android.graphics.Color) | 4278420736<br>(0xFF038500)     |
| YUV                                 | 78.9680, -38.9312,<br>-66.6239 |
| Hunter-Lab                          | 40.9810, -35.0198,<br>24.6392  |

# Details

The Android color **4278420736** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **4286709893**, and the grayscale version is **4283387727**.

A 20% lighter version of the original color is **4283743041**, and **4278211072** is the 20% darker color. If you saturate the color by 10%, you get **4278420736**, and if you desaturate by 10%, it is **4279272717**.

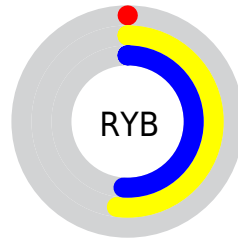
# Distribution



Red (1%)

Green (52%)

Blue (0%)



Red (0%)

Yellow (52%)

Blue (51%)

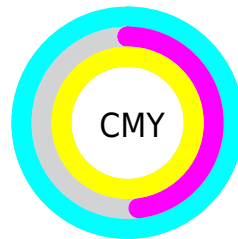


Cyan (98%)

Magenta (0%)

Yellow (100%)

Black (48%)



Cyan (99%)

Magenta (48%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278420736 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 4278420736 by changing the saturation by 10% instead.



 4278420736

 4278420736

4294967295

 4278217472

 4283743041

 4278211072

 4285716571

 4278204672

 4287624310

 4278199040

 4289527697

 4278190080

 4291428268

 4293394377

 4294967269

 4278420736

 4279272717

 4280124699

 4280976680

 4281828661

 4282680643

 4283532624

 4284384605

 4285236586

 4286088568

# Harmonies

## Analogous

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



4285298944



4278420736



4278225745

# Triad

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



4278420736



4278223596



4292681044

# Complementary

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



4278420736



4286709893

# 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.



4291831186



4278420736



4278218731

# Square

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



4278420736



4278225867



4288433866



4291445782

# Rectangle

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



4278420736



4278226045



4288433866



4292613481



# Sweetspot

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



4278420736



4286295417



4286939392



4281882423



4292269782



4283914071



# Same Dimension

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



4278420736



4278496512



4278224190



4282139196



4278419968



4278190848



# Inverse Universe

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



4286709893



4289265837



4286906439



4282530882



4286513282

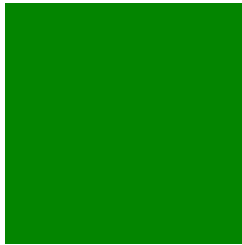


4278321155



# Previews

## White Background



This preview shows how the Android color 4278420736 looks on a white background.

## Color Contrast Check

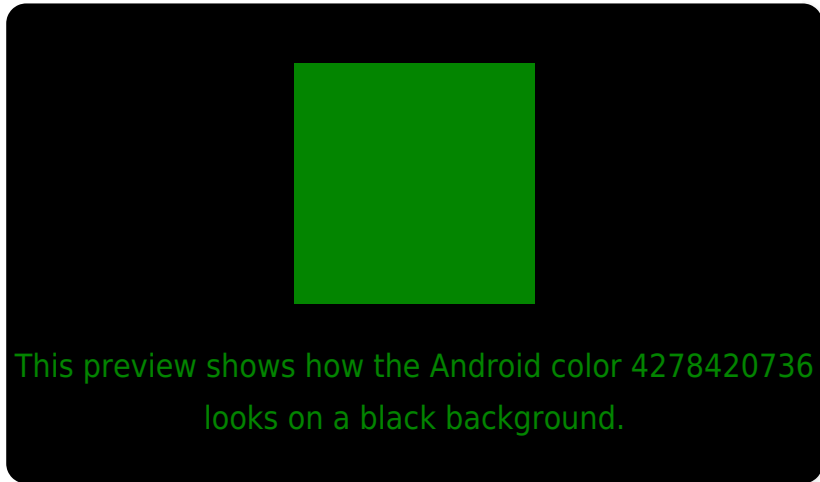
Large Text (above 18pt) WCAG AA ✓ Pass

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

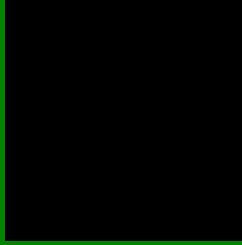
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278420736 Background



This preview shows how black text looks on a background with the Android color 4278420736.



This preview shows how white text looks on a background with the Android color 4278420736.

# 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**  
4278420736

**Protanopia**  
4286607872

**Deuteranopia**  
4287589405



# Trichromacy



**Original Color**

4278420736



**Protanomaly**

4283660544



**Deuteranomaly**

4284249362



**Tritanomaly**

4280647509

# Monochromacy



**Original Color**

4278420736



**Achromatopsia**

4283387727



**Achromatomaly**

4281557810

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278420736 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(3, 133, 0)` looks like.

```
.text, #text, p{  
    color:rgb(3, 133, 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(3, 133, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 133, 0) }
```

## Border

The CSS property to change the border of an element to Android 4278420736 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(3, 133, 0) }
```

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

```
.border{ border-color:rgb(3, 133, 0) }
```

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

Here you see how a box with a 4 pixel rgb(3, 133, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 133, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 133, 0); box-shadow:4px  
4px 4px 4px rgb(3, 133, 0) }
```

# Background

The CSS property to change the background color of an element to Android 4278420736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 133, 0) }
```

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

```
.background{ background-color: rgb(3, 133,  
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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