

# Converting Colors

Android(4278347264)

Have a look what the booklet for  
Android(4278347264) contains.

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# Color

**Android(4278347264)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	026600
RGB	2, 102, 0
RGB Percent	1%, 40%, 0%
CMY	0.9922, 0.6000, 1.0000
CMYK	0.98, 0.00, 1.00, 0.60
HSL	119°, 100%, 20%
HSV	119°, 100%, 40%
XYZ	4.7764, 9.5156, 1.5850
YIQ	60.4720, -26.8580, -52.9220

# Conversions

## Conversions Part 2

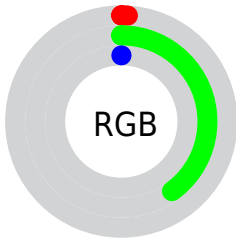
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 102, 100
Decimal	157184
CIELab	36.96, -43.76, 42.47
CIELCh	37, 60.983, 135.853
Yxy	9.5156, 0.3008, 0.5993
Android (android.graphics.Color)	4278347264 (0xFF026600)
YUV	60.4720, -29.8127, -51.2799
Hunter-Lab	30.8474, -26.3442, 18.5469

# Details

The Android color `4278347264` is a dark color, and the websafe version is hex `006600`. A complement of this color would be `4284743782`, and the grayscale version is `4282203453`.

A 20% lighter version of the original color is `4283013689`, and `4278203648` is the 20% darker color. If you saturate the color by 10%, you get `4278347264`, and if you desaturate by 10%, it is `4279002634`.

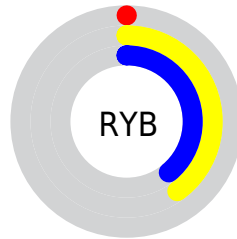
# Distribution



Red (1%)

Green (40%)

Blue (0%)



Red (0%)

Yellow (40%)

Blue (39%)

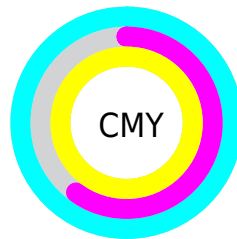


Cyan (98%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (99%)

Magenta (60%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278347264 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 4278347264 by changing the saturation by 10% instead.



 4278347264

 4278347264

 4294967286

 4278209792

 4283013689

 4278203648

 4284855634

 4278198272

 4286697836

 4278190080

 4288540294

 4290379681

 4292280253

 4294180825


 4278347264

 4279002634

 4279658004

 4280313375

 4280968745

 4281624115

 4282279485

 4282934855

 4283590226

 4284245596

# Harmonies

## Analogous

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



4283653376



4278347264



4278217277

# Triad

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



4278347264



4278215863



4289401919

# Complementary

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



4278347264



4284743782

# 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.



4288748144



4278347264



4278211767

# Square

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



4278347264



4278217373



4286069660



4288492302

# Rectangle

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



4278347264



4278217824



4286069660



4289400400



# Sweetspot

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



4278347264



4284384605



4284900096



4281025066



4290953922



4282532418



# Same Dimension

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



4278347264



4278420736



4278216240



4281217838



4278350592



4278579712



# Inverse Universe

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



4284743782



4286709893



4284874806



4281544243



4285595763

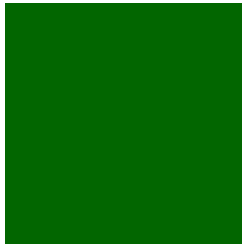


4293787890



# Previews

## White Background



This preview shows how the Android color 4278347264 looks on a white background.

## Color Contrast Check

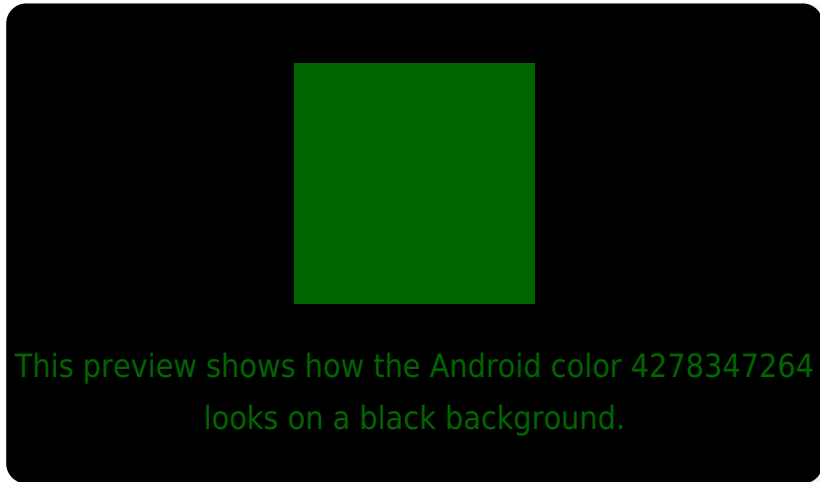
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black 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

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



# Android 4278347264 Background



This preview shows how black text looks on a background with the Android color 4278347264.



This preview shows how white text looks on a background with the Android color 4278347264.

# 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**  
4278347264

**Protanopia**  
4284634880

**Deuteranopia**  
4285354774



# Trichromacy



**Original Color**  
4278347264

**Protanomaly**  
4282342400

**Deuteranomaly**  
4282800654

**Tritanomaly**  
4280050241

# Monochromacy



**Original Color**  
4278347264

**Achromatopsia**  
4282137660

**Achromatomaly**  
4280765222

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278347264 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(2, 102, 0)` looks like.

```
.text, #text, p{  
    color:rgb(2, 102, 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(2, 102, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 102, 0) }
```

## Border

The CSS property to change the border of an element to Android 4278347264 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(2, 102, 0) }
```

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

```
.border{ border-color:rgb(2, 102, 0) }
```

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

Here you see how a box with a 4 pixel rgb(2, 102, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 102, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 102, 0); box-shadow:4px  
4px 4px 4px rgb(2, 102, 0) }
```

# Background

The CSS property to change the background color of an element to Android 4278347264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 102, 0) }
```

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

```
.background{ background-color: rgb(2, 102,  
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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