

# Converting Colors

Android(4279266048)

Have a look what the booklet for  
Android(4279266048) contains.

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**Color**

**Android(4279266048)**

# Conversions

## Conversions Part 1

Format	Color
Hex	106B00
RGB	16, 107, 0
RGB Percent	6%, 42%, 0%
CMY	0.9373, 0.5804, 1.0000
CMYK	0.85, 0.00, 1.00, 0.58
HSL	111°, 100%, 21%
HSV	111°, 100%, 42%
XYZ	5.4714, 10.6255, 1.7626
YIQ	67.5930, -19.8890, -52.5690

# Conversions

## Conversions Part 2

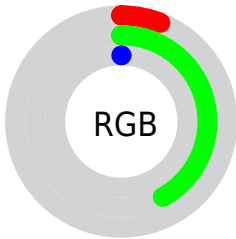
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 107, 91
Decimal	1075968
CIELab	38.94, -43.76, 44.14
CIELCh	39, 62.154, 134.757
Yxy	10.6255, 0.3064, 0.5950
Android (android.graphics.Color)	4279266048 (0xFF106B00)
YUV	67.5930, -33.3233, -45.2471
Hunter-Lab	32.5969, -27.0833, 19.6119

# Details

The Android color `4279266048` is a dark color, and the websafe version is hex `006600`. A complement of this color would be `4284153963`, and the grayscale version is `4282664004`.

A 20% lighter version of the original color is `4283473722`, and `4278204928` is the 20% darker color. If you saturate the color by 10%, you get `4279266048`, and if you desaturate by 10%, it is `4279855883`.

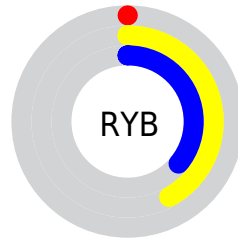
# Distribution



Red (6%)

Green (42%)

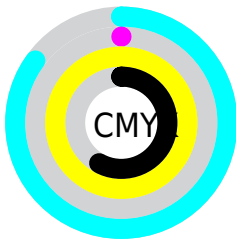
Blue (0%)



Red (0%)

Yellow (42%)

Blue (36%)

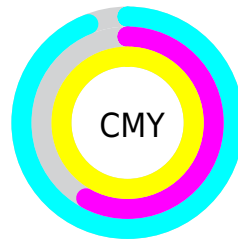


Cyan (85%)

Magenta (0%)

Yellow (100%)

Black (58%)



Cyan (94%)

Magenta (58%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279266048 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 4279266048 by changing the saturation by 10% instead.



 4279266048

 4279266048

 4294967288

 4278211072

 4283473722

 4278204928

 4285315924

 4278199552

 4287092590

 4278190080

 4288935048

 4290838435

 4292739007


 4294639579

 4279266048

 4279855883

 4280445717

 4281035552

 4281625387

 4282215222

 4282870592

 4283460427

 4284050262

 4284640096

# Harmonies

## Analogous

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



4284047616



4279266048



4278218815

# Triad

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



4279266048



4278217150



4289927237

# Complementary

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



4279266048



4284153963

# 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.



4289142904



4279266048



4278213311

# Square

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



4279266048



4278218914



4286267556



4289017364

# Rectangle

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



4279266048



4278219107



4286267556



4289860694



# Sweetspot

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



4279266048



4285041762



4285225728



4281485102



4291282887



4282861383



# Same Dimension

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



4279266048



4279602176



4278217509



4281415216



4279399680



4280677632



# Inverse Universe

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



4284153963



4285989004



4285202502



4281675830



4284743797

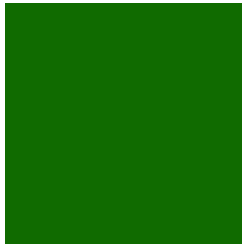


4291821813



# Previews

## White Background



This preview shows how the Android color 4279266048 looks on a white background.

## Color Contrast Check

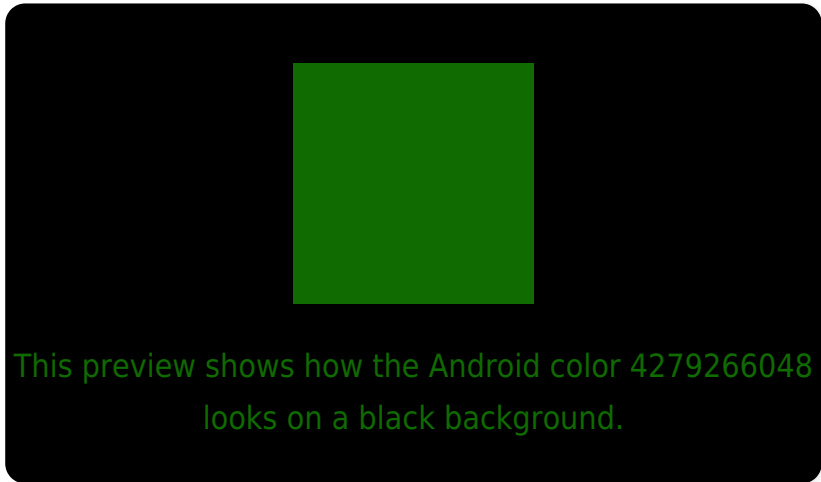
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279266048 Background



This preview shows how black text looks on a background with the Android color 4279266048.



This preview shows how white text looks on a background with the Android color 4279266048.

# 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**  
4279266048

**Protanopia**  
4284963840

**Deuteranopia**  
4285749015



# Trichromacy



**Original Color**

4279266048



**Protanomaly**

4282867968



**Deuteranomaly**

4283391503



**Tritanomaly**

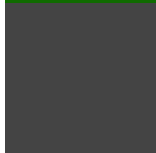
4280575557

# Monochromacy



**Original Color**

4279266048



**Achromatopsia**

4282664004



**Achromatomaly**

4281422379

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279266048 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(16, 107, 0)` looks like.

```
.text, #text, p{  
    color:rgb(16, 107, 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(16, 107, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 107, 0) }
```

## Border

The CSS property to change the border of an element to Android 4279266048 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(16, 107, 0) }
```

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

```
.border{ border-color:rgb(16, 107, 0) }
```

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

Here you see how a box with a 4 pixel rgb(16, 107, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 107, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 107, 0);  
box-shadow:4px 4px 4px 4px rgb(16, 107, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4279266048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 107, 0) }
```

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

```
.background{ background-color: rgb(16, 107,  
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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