

# Converting Colors

Android(4279273472)

Have a look what the booklet for  
Android(4279273472) contains.

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# Color

**Android(4279273472)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	108800
RGB	16, 136, 0
RGB Percent	6%, 53%, 0%
CMY	0.9373, 0.4667, 1.0000
CMYK	0.88, 0.00, 1.00, 0.47
HSL	113°, 100%, 27%
HSV	113°, 100%, 53%
XYZ	9.0178, 17.7185, 2.9447
YIQ	84.6160, -27.8640, -67.7360

# Conversions

## Conversions Part 2

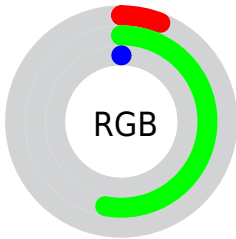
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 136, 120
Decimal	1083392
CIELab	49.15, -52.78, 52.30
CIELCh	49, 74.306, 135.264
Yxy	17.7185, 0.3038, 0.5970
Android (android.graphics.Color)	4279273472 (0xFF108800)
YUV	84.6160, -41.7157, -60.1762
Hunter-Lab	42.0933, -35.4224, 25.3176

# Details

The Android color `4279273472` is a dark color, and the websafe version is hex `339900`. A complement of this color would be `4286054536`, and the grayscale version is `4283782485`.

A 20% lighter version of the original color is `4284071746`, and `4278211584` is the 20% darker color. If you saturate the color by 10%, you get `4279273472`, and if you desaturate by 10%, it is `4280059918`.

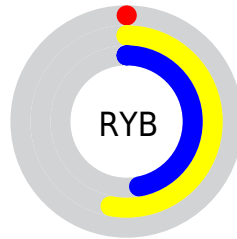
# Distribution



Red (6%)

Green (53%)

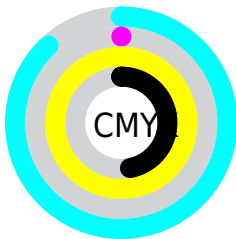
Blue (0%)



Red (0%)

Yellow (53%)

Blue (47%)

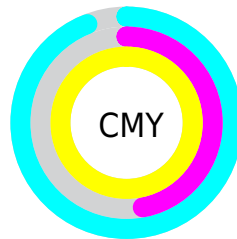


Cyan (88%)

Magenta (0%)

Yellow (100%)

Black (47%)



Cyan (94%)

Magenta (47%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279273472 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 4279273472 by changing the saturation by 10% instead.



 4279273472

 4279273472

4294967295

 4278218240

 4284071746

 4278211584

 4285979484


 4278205440

 4287887479

 4278199808

 4289789842

 4278190080

 4291690414


 4293656522

 4294967271

 4279273472

 4280059918

 4280846363

 4281632809

 4282419254

 4283205700

 4283992146

 4284778591

 4285565037

 4286351482

# Harmonies

## Analogous

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



4285561856



4279273472



4278226514

# Triad

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



4279273472



4278224368



4292943960

# Complementary

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



4279273472



4286054536

# 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.



4292094359



4279273472



4278219504

# Square

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



4279273472



4278226638



4288565967



4291773977

# Rectangle

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



4279273472



4278226815



4288565967



4292876653



# Sweetspot

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



4279273472



4286689403



4287133184



4282210617



4292467161



4284045657



# Same Dimension

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



4279273472



4279611392



4278224946



4282336574



4279272704



4278256896



# Inverse Universe

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



4286054536



4288348336



4287103062



4282662469



4285857925

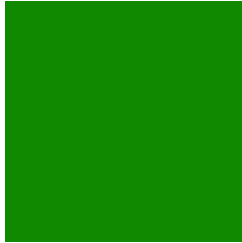


4278517765



# Previews

## White Background



This preview shows how the Android color 4279273472 looks on a white background.

## Color Contrast Check

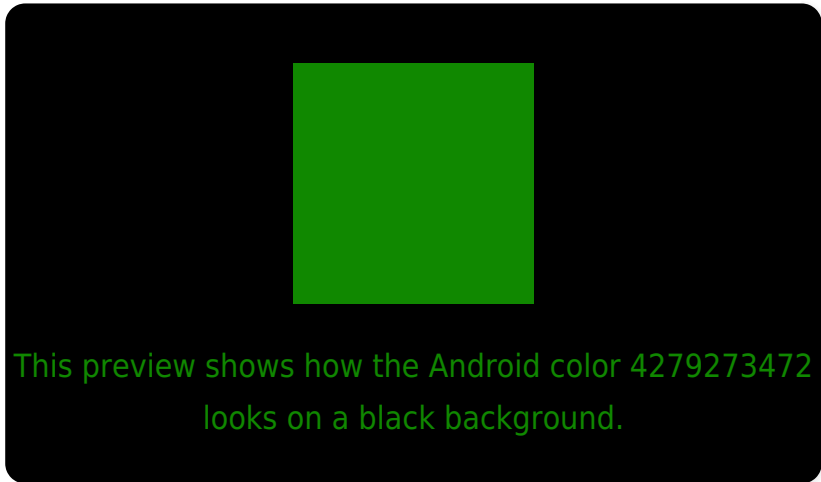
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4279273472 Background



This preview shows how black text looks on a background with the Android color 4279273472.



This preview shows how white text looks on a background with the Android color 4279273472.

# 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**  
4279273472

**Protanopia**  
4286805248

**Deuteranopia**  
4287786525



# Trichromacy



**Original Color**

4279273472



**Protanomaly**

4284054528



**Deuteranomaly**

4284708626



**Tritanomaly**

4281041495

# Monochromacy



**Original Color**

4279273472



**Achromatopsia**

4283782485



**Achromatomaly**

4282148918

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279273472 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, 136, 0)` looks like.

```
.text, #text, p{  
    color:rgb(16, 136, 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, 136, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 136, 0) }
```

## Border

The CSS property to change the border of an element to Android 4279273472 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, 136, 0) }
```

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

```
.border{ border-color:rgb(16, 136, 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, 136, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 136, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 136, 0);  
box-shadow:4px 4px 4px 4px rgb(16, 136, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4279273472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 136, 0) }
```

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

```
.background{ background-color: rgb(16, 136,  
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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