

# Converting Colors

Android(4279337472)

Have a look what the booklet for  
Android(4279337472) contains.

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# Color

**Android(4279337472)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	118200
RGB	17, 130, 0
RGB Percent	7%, 51%, 0%
CMY	0.9333, 0.4902, 1.0000
CMYK	0.87, 0.00, 1.00, 0.49
HSL	112°, 100%, 25%
HSV	112°, 100%, 51%
XYZ	8.2138, 16.0844, 2.6717
YIQ	81.3930, -25.6180, -64.3860

# Conversions

## Conversions Part 2

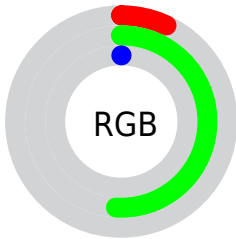
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 130, 113
Decimal	1147392
CIELab	47.09, -50.86, 50.65
CIELCh	47, 71.779, 135.119
Yxy	16.0844, 0.3046, 0.5964
Android (android.graphics.Color)	4279337472 (0xFF118200)
YUV	81.3930, -40.1267, -56.4727
Hunter-Lab	40.1054, -33.6267, 24.1241

# Details

The Android color `4279337472` is a dark color, and the websafe version is hex `339900`. A complement of this color would be `4285595778`, and the grayscale version is `4283585106`.

A 20% lighter version of the original color is `4283938880`, and `4278210304` is the 20% darker color. If you saturate the color by 10%, you get `4279337472`, and if you desaturate by 10%, it is `4280058381`.

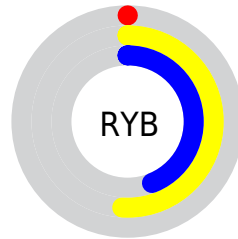
# Distribution



Red (7%)

Green (51%)

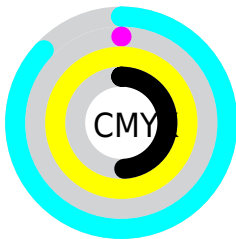
Blue (0%)



Red (0%)

Yellow (51%)

Blue (44%)

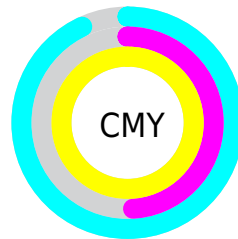


Cyan (87%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (93%)

Magenta (49%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279337472 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 4279337472 by changing the saturation by 10% instead.



 4279337472

 4279337472

4294967295

 4278216704

 4283938880

 4278210304

 4285846619

 4278204160

 4287754613

 4278198272

 4289658768

 4278190080

 4291559339


 4293525448

 4294967268

 4279337472

 4280058381

 4280844826

 4281565735

 4282286644

 4283073089

 4283793998

 4284514907

 4285235816

 4286022261

# Harmonies

## Analogous

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



4285298176



4279337472



4278224974

# Triad

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



4279337472



4278222821



4292288084

# Complementary

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



4279337472



4285595778

# 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.



4291438480



4279337472



4278218214

# Square

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



4279337472



4278225093



4288040646



4291183384

# Rectangle

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



4279337472



4278225273



4288040646



4292286568



# Sweetspot

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



4279337472



4286359670



4286738688



4282012726



4292138196



4283716692



# Same Dimension

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



4279337472



4279674880



4278223408



4282007609



4279336960



4278190080



# Inverse Universe

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



4285595778



4287758504



4286709842



4282333504



4285464704

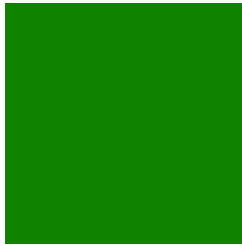


4278190080



# Previews

## White Background



This preview shows how the Android color 4279337472 looks on a white background.

## Color Contrast Check

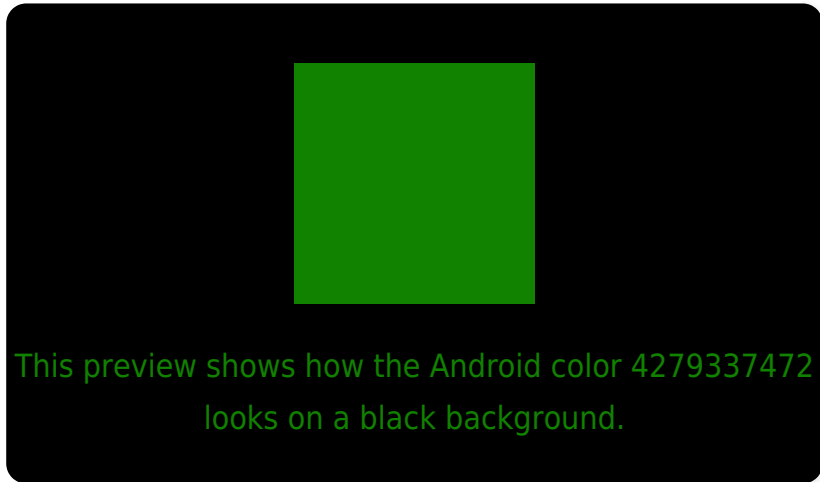
Large Text (above 18pt) WCAG AA ✓ Pass

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

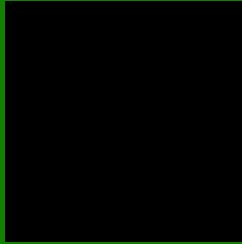
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4279337472 Background



This preview shows how black text looks on a background with the Android color 4279337472.



This preview shows how white text looks on a background with the Android color 4279337472.

# 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**  
4279337472

**Protanopia**  
4286410496

**Deuteranopia**  
4287392028



# Trichromacy



**Original Color**

4279337472



**Protanomaly**

4283856384



**Deuteranomaly**

4284445202



**Tritanomaly**

4280974419

# Monochromacy



**Original Color**

4279337472



**Achromatopsia**

4283519313



**Achromatomaly**

4282016564

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279337472 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(17, 130, 0)` looks like.

```
.text, #text, p{  
    color:rgb(17, 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(17, 130, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 130, 0) }
```

## Border

The CSS property to change the border of an element to Android 4279337472 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(17, 130, 0) }
```

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

```
.border{ border-color:rgb(17, 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(17, 130, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 130, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 130, 0);  
box-shadow:4px 4px 4px 4px rgb(17, 130, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4279337472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 130, 0) }
```

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

```
.background{ background-color: rgb(17, 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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