

# Converting Colors

Android(4279463948)

Have a look what the booklet for  
Android(4279463948) contains.

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**Color**

**Android(4279463948)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	13700C
RGB	19, 112, 12
RGB Percent	7%, 44%, 5%
CMY	0.9255, 0.5608, 0.9529
CMYK	0.83, 0.00, 0.89, 0.56
HSL	116°, 81%, 24%
HSV	116°, 89%, 44%
XYZ	6.1291, 11.7533, 2.2934
YIQ	72.7930, -23.3280, -50.8160

# Conversions

## Conversions Part 2

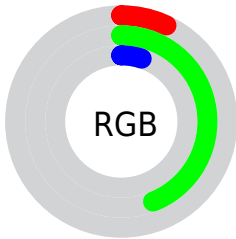
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 112, 105
Decimal	1273868
CIELab	40.82, -44.42, 42.73
CIELCh	41, 61.636, 136.105
Yxy	11.7533, 0.3038, 0.5825
Android (android.graphics.Color)	4279463948 (0xFF13700C)
YUV	72.7930, -29.9709, -47.1765
Hunter-Lab	34.2831, -28.0835, 20.0319

# Details

The Android color `4279463948` is a dark color, and the websafe version is hex `006600`. A complement of this color would be `4285074544`, and the grayscale version is `4282992969`.

A 20% lighter version of the original color is `4283606338`, and `4278206208` is the 20% darker color. If you saturate the color by 10%, you get `4278808577`, and if you desaturate by 10%, it is `4280119319`.

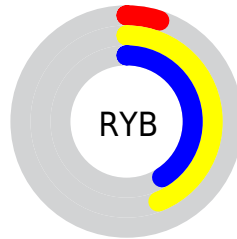
# Distribution



Red (7%)

Green (44%)

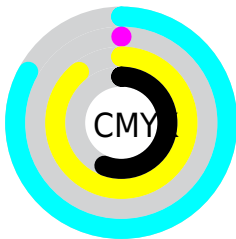
Blue (5%)



Red (5%)

Yellow (44%)

Blue (41%)

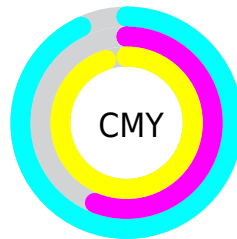


Cyan (83%)

Magenta (0%)

Yellow (89%)

Black (56%)



Cyan (93%)

Magenta (56%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279463948 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 4279463948 by changing the saturation by 10% instead.



 4279463948

 4279463948

4294967295

 4278212352

 4283606338

 4278206208

 4285448283

 4278200832

 4287290741

 4278191616

 4289132944

 4278190080

 4291035051

 4292935623

 4294836195

 4279463948

 4279463948

■ 4278808577

■ 4280119319

■ 4278743040

■ 4280840226

■ 4281495598

■ 4282216505

■ 4282871876

■ 4283527247

■ 4284248154

■ 4284903526

■ 4285624433

# Harmonies

## Analogous

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



4284245504



4279463948



4278220102

# Triad

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



4279463948



4278218179



4290257480

# Complementary

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



4279463948



4285074544

# 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.



4289537914



4279463948



4278214082

# Square

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



4279463948



4278219945



4286792871



4289281302

# Rectangle

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



4279463948



4278220394



4286792871



4290190936



# Sweetspot

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



4279463948



4285370730



4285556748



4281616946



4291414473



4283058762



# Same Dimension

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



4279463948



4278882560



4279005238



4281546802



4278745088



4279367424



# Inverse Universe

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



4285074544



4287037585



4285533254



4281872952



4285464696

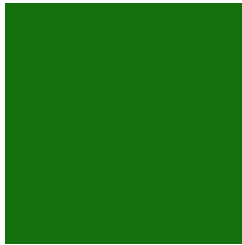


4293263607



# Previews

## White Background



This preview shows how the Android color 4279463948 looks on a white background.

## Color Contrast Check

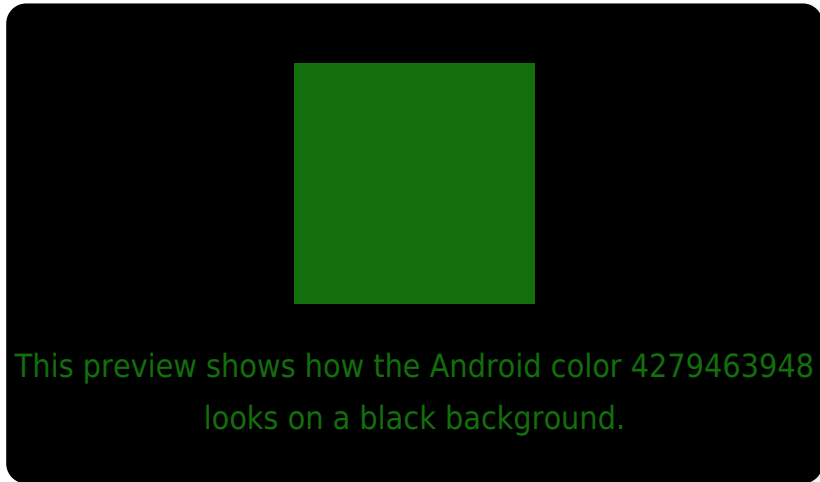
Large Text (above 18pt) WCAG AA ✓ Pass

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

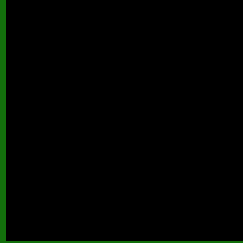
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4279463948 Background



This preview shows how black text looks on a background with the Android color 4279463948.



This preview shows how white text looks on a background with the Android color 4279463948.

# 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**  
4279463948

**Protanopia**  
4285292548

**Deuteranopia**  
4286077723



# Trichromacy



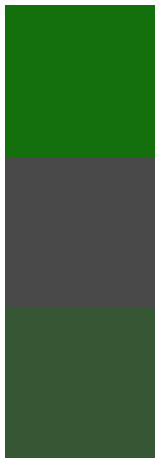
**Original Color**  
4279463948

**Protanomaly**  
4283196935

**Deuteranomaly**  
4283654934

**Tritanomaly**  
4280773452

# Monochromacy



**Original Color**  
4279463948

**Achromatopsia**  
4282992969

**Achromatomaly**  
4281685811

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279463948 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(19, 112, 12)` looks like.

```
.text, #text, p{  
    color:rgb(19, 112, 12)  
}
```

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(19, 112, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 112, 12) }
```

## Border

The CSS property to change the border of an element to Android 4279463948 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(19, 112, 12) }
```

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

```
.border{ border-color:rgb(19, 112, 12) }
```

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

Here you see how a box with a 4 pixel rgb(19, 112, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 112, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 112, 12);  
box-shadow:4px 4px 4px 4px rgb(19, 112,  
12) }
```

# Background

The CSS property to change the background color of an element to Android 4279463948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 112, 12) }
```

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

```
.background{ background-color: rgb(19, 112,  
12) }
```

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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