

# Converting Colors

Android(4291586048)

Have a look what the booklet for  
Android(4291586048) contains.

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**Color**

**Android(4291586048)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CC6800
RGB	204, 104, 0
RGB Percent	80%, 41%, 0%
CMY	0.2000, 0.5922, 1.0000
CMYK	0.00, 0.49, 1.00, 0.20
HSL	31°, 100%, 40%
HSV	31°, 100%, 80%
XYZ	29.8522, 22.7380, 2.8155
YIQ	122.0440, 92.9840, -11.1440

# Conversions

## Conversions Part 2

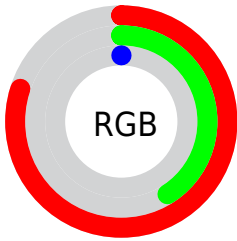
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 204, 0
Decimal	13395968
CIELab	54.80, 34.69, 62.93
CIELCh	55, 71.860, 61.132
Yxy	22.7380, 0.5388, 0.4104
Android (android.graphics.Color)	4291586048 (0xFFCC6800)
YUV	122.0440, -60.1677, 71.8754
Hunter-Lab	47.6844, 28.2998, 29.8783

# Details

The Android color **4291586048** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **4278215884**, and the grayscale version is **4286282619**.

A 20% lighter version of the original color is **4294941761**, and **4287575552** is the 20% darker color. If you saturate the color by 10%, you get **4291586048**, and if you desaturate by 10%, it is **4291588628**.

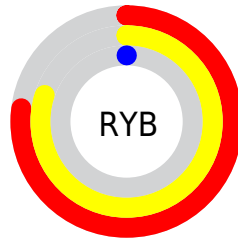
# Distribution



Red (80%)

Green (41%)

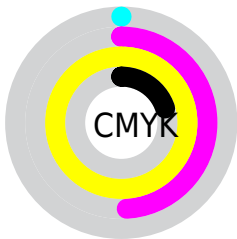
Blue (0%)



Red (77%)

Yellow (80%)

Blue (0%)

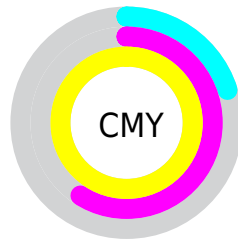


Cyan (0%)

Magenta (49%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (59%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291586048 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 4291586048 by changing the saturation by 10% instead.



 4291586048

 4291586048

4294967295

 4289548032

 4294941761

 4287575552

 4294948956

 4285537792

 4294956150

 4283630080

 4294963345

 4281860096

 4294967213


 4279828481

 4294967241


 4278190080


 4294967270


 4291586048


 4291588628

 4291591209


 4291593789

 4291596370

 4291598950

 4291601530

 4291604111

 4291606691

 4291609272

# Harmonies

## Analogous

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



4293544263



4291586048



4288446720

# Triad

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



4291586048



4278230660



4286673391

# Complementary

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



4291586048



4278215884

# 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.



4278225663



4291586048



4278230722

# Square

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



4291586048



4278229827



4278229488



4291711168

# Rectangle

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



4291586048



4285828352



4278229488



4283661304



# Sweetspot

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



4291586048



4294957747



4291559526



4286605650



4278190080



4286611584



# Same Dimension

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



4291586048



4294935040



4291611648



4284899676



4289090816



4280685312



# Inverse Universe

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



4278215884



4278222335



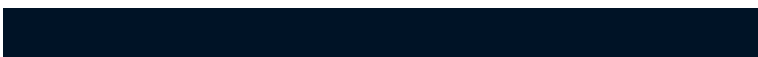
4278190284



4284244326



4278210982



4278194982



# Previews

## White Background



This preview shows how the Android color 4291586048 looks on a white background.

## Color Contrast Check

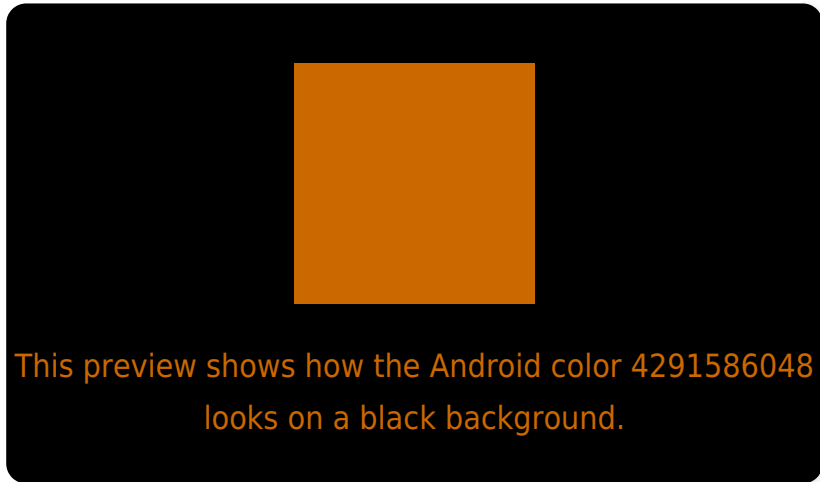
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# 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 4291586048 Background



This preview shows how black text looks on a background with the Android color 4291586048.



This preview shows how white text looks on a background with the Android color 4291586048.

# 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



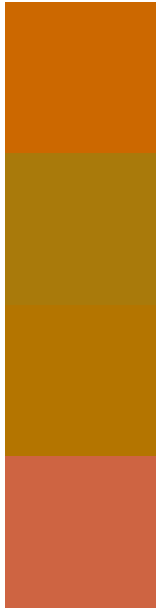
**Original Color**  
4291586048

**Protanopia**  
4287988754

**Deuteranopia**  
4289101056



# Trichromacy



**Original Color**  
4291586048

**Protanomaly**  
4289296907

**Deuteranomaly**  
4290016512

**Tritanomaly**  
4291716162

# Monochromacy



**Original Color**  
4291586048

**Achromatopsia**  
4286216826

**Achromatomaly**  
4288181070

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291586048 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(204, 104, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 104, 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(204, 104, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 104, 0) }
```

## Border

The CSS property to change the border of an element to Android 4291586048 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(204, 104, 0) }
```

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

```
.border{ border-color:rgb(204, 104, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 104, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 104, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 104, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 104,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4291586048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 104, 0) }
```

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

```
.background{ background-color: rgb(204,  
104, 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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