

# Converting Colors

Android(4292110848)

Have a look what the booklet for  
Android(4292110848) contains.

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# Color

**Android(4292110848)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D46A00
RGB	212, 106, 0
RGB Percent	83%, 42%, 0%
CMY	0.1686, 0.5843, 1.0000
CMYK	0.00, 0.50, 1.00, 0.17
HSL	30°, 100%, 42%
HSV	30°, 100%, 83%
XYZ	32.3054, 24.3051, 2.9887
YIQ	125.6100, 97.2020, -10.4940

# Conversions

## Conversions Part 2

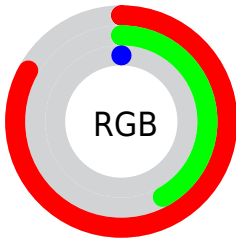
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	212, 212, 0
Decimal	13920768
CIE <sub>Lab</sub>	56.39, 36.90, 64.48
CIE <sub>LCh</sub>	56, 74.297, 60.217
Yxy	24.3051, 0.5420, 0.4078
Android (android.graphics.Color)	4292110848 (0xFFD46A00)
YUV	125.6100, -61.9257, 75.7640
Hunter-Lab	49.3002, 30.6920, 30.9159

# Details

The Android color **4292110848** 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 **4278217428**, and the grayscale version is **4286479998**.

A 20% lighter version of the original color is **4294942530**, and **4288034816** is the 20% darker color. If you saturate the color by 10%, you get **4292110848**, and if you desaturate by 10%, it is **4292113685**.

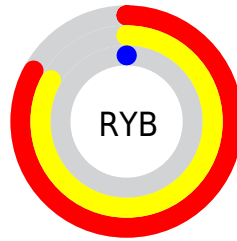
# Distribution



Red (83%)

Green (42%)

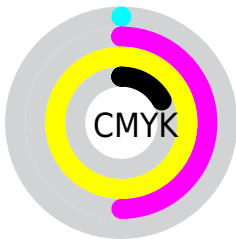
Blue (0%)



Red (83%)

Yellow (83%)

Blue (0%)

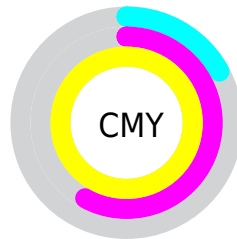


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (17%)



Cyan (17%)

Magenta (58%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292110848 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 4292110848 by changing the saturation by 10% instead.



 4292110848

 4292110848

4294967295

 4290072832

 4294942530

 4288034816

 4294949469

 4285996800

 4294956663

 4284088576

 4294964114

 4282253312

 4294967214

 4280483841

 4294967242

 4278190080

 4294967271

 4292110848

 4292113685

 4292116266

 4292119104

 4292121685

 4292124522

 4292127359

 4292129940

 4292132778

 4292135359

# Harmonies

## Analogous

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



4294134090



4292110848



4288906496

# Triad

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



4292110848



4278231942



4286674680

# Complementary

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



4292110848



4278217428

# 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.



4278226943



4292110848



4278232007

# Square

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



4292110848



4278230850



4278230776



4292039625

# Rectangle

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



4292110848



4286222592



4278230776



4283334655



# Sweetspot

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



4292110848



4294957491



4292083818



4286605650



4278190080



4286611584



# Same Dimension

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



4292110848



4294934528



4292137984



4285228640



4289418496



4281013760



# Inverse Universe

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



4278217428



4278223103



4278190292



4284507755



4278212011



4278195755



# Previews

## White Background



This preview shows how the Android color 4292110848 looks on a white background.

## Color Contrast Check

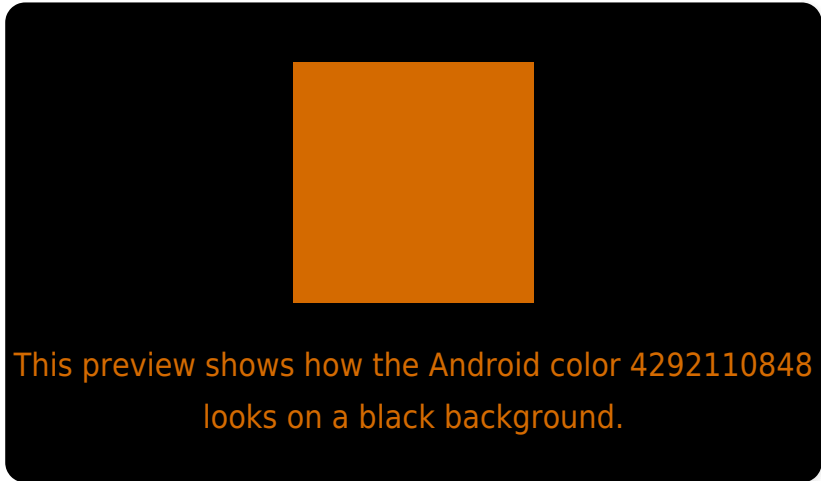
Large Text (above 18pt) WCAG AA ✓ Pass

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 4292110848 Background



This preview shows how black text looks on a background with the Android color 4292110848.



This preview shows how white text looks on a background with the Android color 4292110848.

# 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



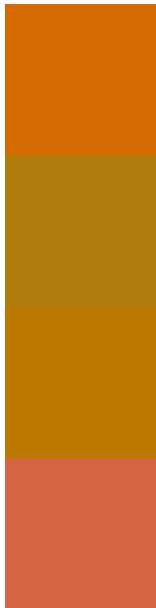
**Original Color**  
4292110848

**Protanopia**  
4288251922

**Deuteranopia**  
4289495296



# Trichromacy



**Original Color**  
4292110848

**Protanomaly**  
4289625355

**Deuteranomaly**  
4290476288

**Tritanomaly**  
4292240963

# Monochromacy



**Original Color**  
4292110848

**Achromatopsia**  
4286479998

**Achromatomaly**  
4288509776

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292110848 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(212, 106, 0)` looks like.

```
.text, #text, p{  
    color:rgb(212, 106, 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(212, 106, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 106, 0) }
```

## Border

The CSS property to change the border of an element to Android 4292110848 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(212, 106, 0) }
```

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

```
.border{ border-color:rgb(212, 106, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 106, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 106, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 106, 0);  
box-shadow:4px 4px 4px 4px rgb(212, 106,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4292110848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 106, 0) }
```

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

```
.background{ background-color: rgb(212,  
106, 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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