

# Converting Colors

Android(4291196448)

Have a look what the booklet for  
Android(4291196448) contains.

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**Color**

**Android(4291196448)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C67620
RGB	198, 118, 32
RGB Percent	78%, 46%, 13%
CMY	0.2235, 0.5373, 0.8745
CMYK	0.00, 0.40, 0.84, 0.22
HSL	31°, 72%, 45%
HSV	31°, 84%, 78%
XYZ	30.0278, 25.0669, 4.6223
YIQ	132.1160, 75.2860, -9.7860

# Conversions

## Conversions Part 2

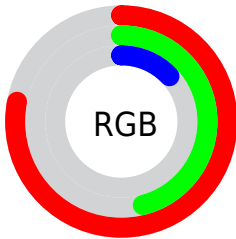
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	186, 198, 32
Decimal	13006368
CIE Lab	57.14, 25.28, 56.34
CIE LCh	57, 61.746, 65.835
Yxy	25.0669, 0.5028, 0.4198
Android (android.graphics.Color)	4291196448 (0xFFC67620)
YUV	132.1160, -49.3572, 57.7803
Hunter-Lab	50.0669, 19.4392, 29.5731

# Details

The Android color **4291196448** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark muted orange. A complement of this color would be **4280316102**, and the grayscale version is **4286940549**.

A 20% lighter version of the original color is **4294945621**, and **4287251712** is the 20% darker color. If you saturate the color by 10%, you get **4291193868**, and if you desaturate by 10%, it is **4291199028**.

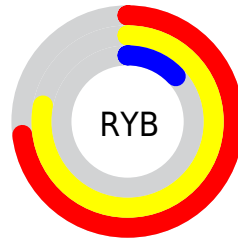
# Distribution



Red (78%)

Green (46%)

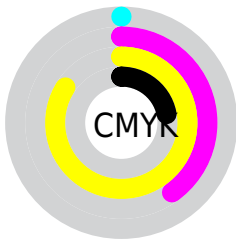
Blue (13%)



Red (73%)

Yellow (78%)

Blue (13%)

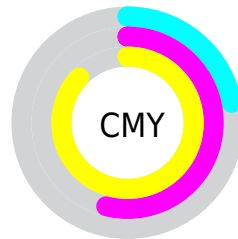


Cyan (0%)

Magenta (40%)

Yellow (84%)

Black (22%)



Cyan (22%)

Magenta (54%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291196448 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 4291196448 by changing the saturation by 10% instead.





4291196448



4291196448

4294967295



4289223936



4294945621



4287251712



4294952559



4285345280



4294959753



4283504384



4294967205



4281663744



4294967233



4279894017



4294967261



4278190080



4294967290



4291196448



4291196448

■ 4291193868

■ 4291199028

■ 4291192576

■ 4291201352

■ 4291203931

■ 4291206255

■ 4291208835

■ 4291211159

■ 4291213739

■ 4291216062

■ 4291218642

# Harmonies

## Analogous

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



4293091149



4291196448



4288317953

# Triad

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



4291196448



4278231698



4288181985

# Complementary

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



4291196448



4280316102

# 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.



4278226165



4291196448



4278231495

# Square

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



4291196448



4278230875



4278229739



4291976886

# Rectangle

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



4291196448



4285961241



4278229739



4286217963



# Sweetspot

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



4291196448



4294959295



4291174512



4286606681



4278190080



4286611584



# Same Dimension

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



4291196448



4294935552



4291020320



4284702554



4288894208



4280553984



# Inverse Universe

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



4280316102



4278221823



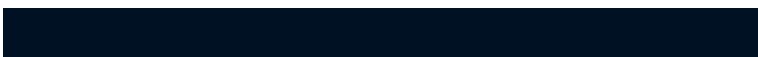
4280492230



4284112483



4278210467



4278194468



# Previews

## White Background



This preview shows how the Android color 4291196448 looks on a white background.

## Color Contrast Check

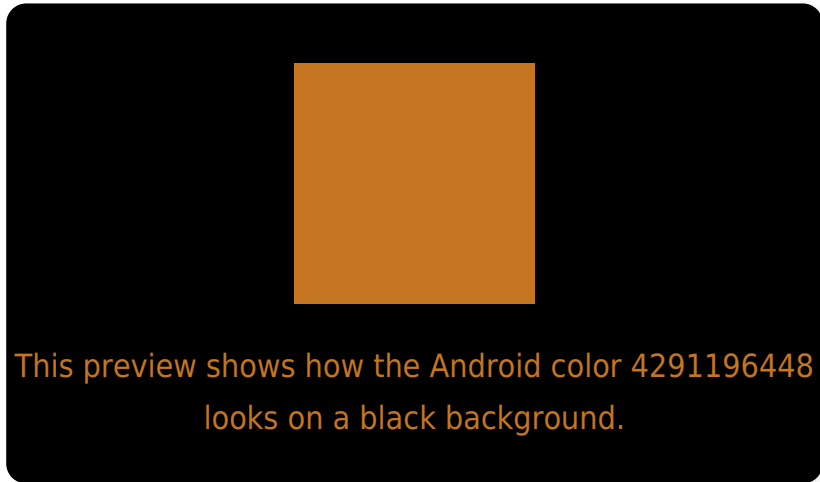
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291196448 Background



This preview shows how black text looks on a background with the Android color 4291196448.



This preview shows how white text looks on a background with the Android color 4291196448.

# 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**  
4291196448

**Protanopia**  
4288383525

**Deuteranopia**  
4289626905



# Trichromacy



**Original Color**  
4291196448

**Protanomaly**  
4289430307

**Deuteranomaly**  
4290215452

**Tritanomaly**  
4291391831

# Monochromacy



**Original Color**  
4291196448

**Achromatopsia**  
4286874756

**Achromatomaly**  
4288446304

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291196448 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(198, 118, 32)` looks like.

```
.text, #text, p{  
    color:rgb(198, 118, 32)  
}
```

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(198, 118, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 118, 32) }
```

## Border

The CSS property to change the border of an element to Android 4291196448 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(198, 118, 32) }
```

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

```
.border{ border-color:rgb(198, 118, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 118, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 118, 32); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 118, 32); box-shadow:4px 4px 4px 4px rgb(198, 118, 32) }
```

# Background

The CSS property to change the background color of an element to Android 4291196448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 118, 32) }
```

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

```
.background{ background-color: rgb(198,  
118, 32) }
```

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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