

# Converting Colors

Android(4291717702)

Have a look what the booklet for  
Android(4291717702) contains.

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# Color

**Android(4291717702)**

# Conversions

Conversions Part 1	
Format	Color
Hex	CE6A46
RGB	206, 106, 70
RGB Percent	81%, 42%, 27%
CMY	0.1922, 0.5843, 0.7255
CMYK	0.00, 0.49, 0.66, 0.19
HSL	16°, 58%, 54%
HSV	16°, 66%, 81%
XYZ	31.7131, 23.8721, 8.7307
YIQ	131.7960, 71.1560, 10.0040

# Conversions

## Conversions Part 2

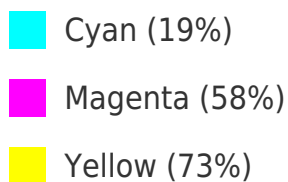
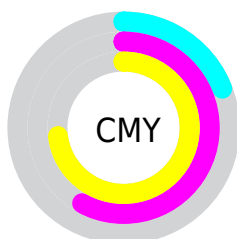
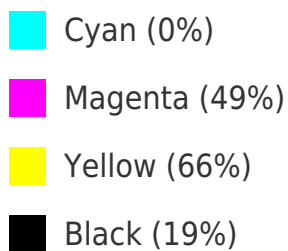
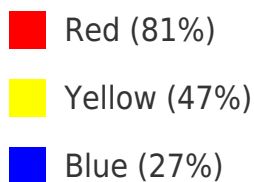
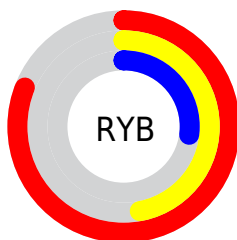
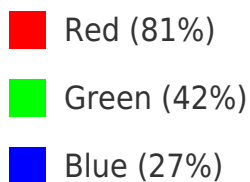
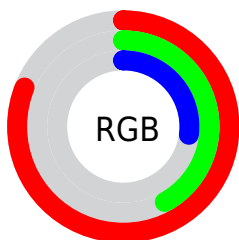
Format	Color
<a href="#">RYB</a>	<a href="#">206, 119, 70</a>
Decimal	<a href="#">13527622</a>
CIELab	<a href="#">55.96, 36.62, 37.82</a>
CIELCh	<a href="#">56, 52.649, 45.925</a>
Yxy	<a href="#">23.8721, 0.4931, 0.3712</a>
Android (android.graphics.Color)	<a href="#">4291717702</a> (0xFFCE6A46)
YUV	<a href="#">131.7960, -30.4654, 65.0769</a>
Hunter-Lab	<a href="#">48.8591, 30.3563, 23.6068</a>

# Details

The Android color **4291717702** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4282821326**, and the grayscale version is **4286874756**.

A 20% lighter version of the original color is **4294942583**, and **4287772696** is the 20% darker color. If you saturate the color by 10%, you get **4291713841**, and if you desaturate by 10%, it is **4291721563**.

# Distribution




# Brightness & Saturation Gradients

These gradients show how the Android color 4291717702 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 4291717702 by changing the saturation by 10% instead.



 4291717702

 4291717702

4294967295

 4289745199

 4294942583

 4287772696

 4294949521

 4285865472

 4294956972

 4283957504

 4294964168

 4282122240

 4294967268

 4280352769


 4278190080


 4291717702


 4291717702


 4291713841

 4291721563

 4291709981


 4291725423

 4291706120

 4291729284


 4291704576

 4291733400

 4291737261

 4291741122

 4291744982

 4291748843

 4291752703

# Harmonies

## Analogous

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



4292500848



4291717702



4289756200

# Triad

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



4291717702



4278229870



4284449758

# Complementary

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



4291717702



4282821326

# 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.



4278227423



4291717702



4278230174

# Square

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



4291717702



4283602243



4278229703



4289228998

# Rectangle

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



4291717702



4288055074



4278229703



4281632993



# Sweetspot

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



4291717702



4294957772



4291708588



4286605665



4278190080



4286611584



# Same Dimension

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



4291717702



4294929206



4291734598



4284899164



4289080320



4280683008



# Inverse Universe

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



4282821326



4281780991



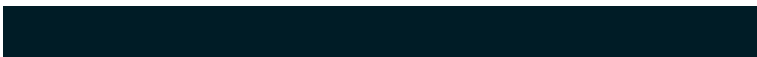
4282804430



4284244838



4278221478



4278197286



# Previews

## White Background



This preview shows how the Android color 4291717702 looks on a white background.

## Color Contrast Check

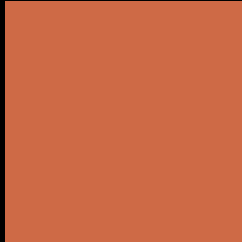
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4291717702 looks on a 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 4291717702 Background



This preview shows how black text looks on a background with the Android color 4291717702.



This preview shows how white text looks on a background with the Android color 4291717702.

# 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**

4291717702

**Protanopia**

4287858512

**Deuteranopia**

4289101889



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291717702 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(206, 106, 70)` looks like.

```
.text, #text, p{  
    color:rgb(206, 106, 70)  
}
```

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(206, 106, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 106, 70) }
```

## Border

The CSS property to change the border of an element to Android 4291717702 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(206, 106, 70) }
```

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

```
.border{ border-color:rgb(206, 106, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 106, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 106, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 106, 70);  
box-shadow:4px 4px 4px 4px rgb(206, 106,  
70) }
```

# Background

The CSS property to change the background color of an element to Android 4291717702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 106, 70) }
```

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

```
.background{ background-color: rgb(206,  
106, 70) }
```

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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