

# Converting Colors

Android(4291458613)

Have a look what the booklet for  
Android(4291458613) contains.

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# Color

**Android(4291458613)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA7635
RGB	202, 118, 53
RGB Percent	79%, 46%, 21%
CMY	0.2078, 0.5373, 0.7922
CMYK	0.00, 0.42, 0.74, 0.21
HSL	26°, 58%, 50%
HSV	26°, 74%, 79%
XYZ	31.4782, 25.7705, 6.6833
YIQ	135.7060, 70.9290, -2.4070

# Conversions

## Conversions Part 2

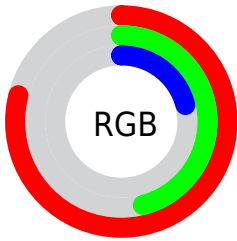
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 168, 53
Decimal	13268533
CIE <sub>Lab</sub>	57.82, 27.75, 48.38
CIE <sub>LCh</sub>	58, 55.774, 60.161
Yxy	25.7705, 0.4924, 0.4031
Android (android.graphics.Color)	4291458613 (0xFFCA7635)
YUV	135.7060, -40.7741, 58.1398
Hunter-Lab	50.7646, 21.8463, 27.7296

# Details

The Android color **4291458613** 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 **4281698762**, and the grayscale version is **4287137928**.

A 20% lighter version of the original color is **4294945639**, and **4287513856** is the 20% darker color. If you saturate the color by 10%, you get **4291455777**, and if you desaturate by 10%, it is **4291461449**.

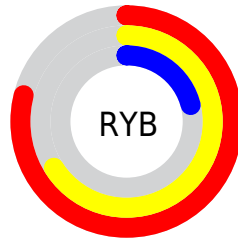
# Distribution



Red (79%)

Green (46%)

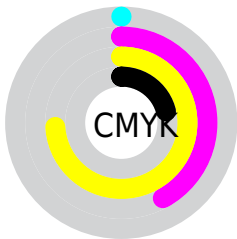
Blue (21%)



Red (79%)

Yellow (66%)

Blue (21%)

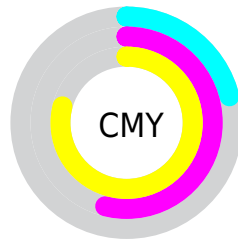


Cyan (0%)

Magenta (42%)

Yellow (74%)

Black (21%)



Cyan (21%)

Magenta (54%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291458613 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 4291458613 by changing the saturation by 10% instead.



 4291458613

 4291458613

4294967295

 4289486108

 4294945639

 4287513856

 4294952577

 4285672704

 4294959772

 4283766272

 4294967223

 4281925632

 4294967251

 4280287233

 4294967280

 4278190080

 4291458613

 4291458613

 4291455777

 4291461449

 4291452685

 4291464541

 4291450880

 4291467378

 4291470470

 4291473306

 4291476142

 4291479234

 4291482071

 4291484907

# Harmonies

## Analogous

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



4292961373



4291458613



4288973087

# Triad

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



4291458613



4278231690



4287332064

# Complementary

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



4291458613



4281698762

# 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.



4278227181



4291458613



4278231739

# Square

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



4291458613



4280852056



4278230239



4291193276

# Rectangle

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



4291458613



4286943782



4278230239



4285433319



# Sweetspot

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



4291458613



4294959047



4291442057



4286606686



4278190080



4286611584



# Same Dimension

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



4291458613



4294934300



4291477557



4284899420



4289087488



4280684800



# Inverse Universe

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



4281698762



4280065279



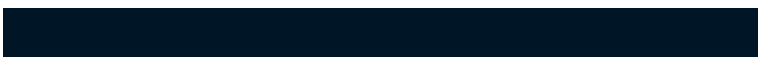
4281679818



4284244582



4278214054



4278195750



# Previews

## White Background



This preview shows how the Android color 4291458613 looks on a white background.

## Color Contrast Check

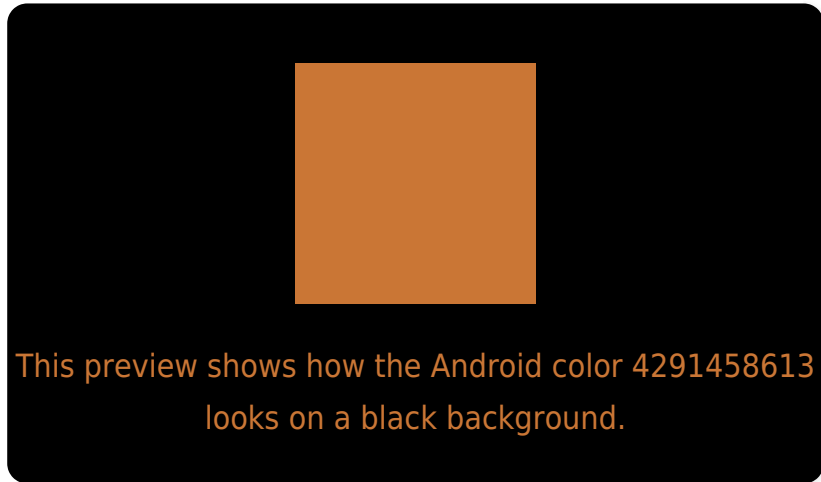
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291458613 Background



This preview shows how black text looks on a background with the Android color 4291458613.



This preview shows how white text looks on a background with the Android color 4291458613.

# 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**  
4291458613

**Protanopia**  
4288384059

**Deuteranopia**  
4289627185



**Tritanopia**  
4291719031

# Trichromacy



**Original Color**

4291458613

**Protanomaly**

4289496121

**Deuteranomaly**

4290281266

**Tritanomaly**

4291654239

# Monochromacy



**Original Color**

4291458613

**Achromatopsia**

4287137928

**Achromatomaly**

4288708970

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291458613 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(202, 118, 53)` looks like.

```
.text, #text, p{  
    color:rgb(202, 118, 53)  
}
```

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(202, 118, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 118, 53) }
```

## Border

The CSS property to change the border of an element to Android 4291458613 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(202, 118, 53) }
```

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

```
.border{ border-color:rgb(202, 118, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 118, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 118, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 118, 53);  
box-shadow:4px 4px 4px 4px rgb(202, 118,  
53) }
```

# Background

The CSS property to change the background color of an element to Android 4291458613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 118, 53) }
```

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

```
.background{ background-color: rgb(202,  
118, 53) }
```

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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