

# Converting Colors

Android(4291780614)

Have a look what the booklet for  
Android(4291780614) contains.

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# Color

**Android(4291780614)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF6006
RGB	207, 96, 6
RGB Percent	81%, 38%, 2%
CMY	0.1882, 0.6235, 0.9765
CMYK	0.00, 0.54, 0.97, 0.19
HSL	27°, 94%, 42%
HSV	27°, 97%, 81%
XYZ	29.9479, 21.6443, 2.7716
YIQ	118.9290, 95.0460, -4.4580

# Conversions

## Conversions Part 2

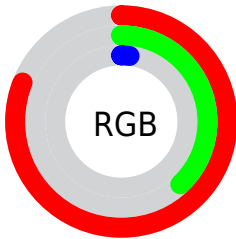
<b>Format</b>	<b>Color</b>
<b>RYB</b>	207, 169, 6
Decimal	13590534
CIELab	53.65, 40.03, 61.25
CIELCh	54, 73.170, 56.833
Yxy	21.6443, 0.5509, 0.3981
Android (android.graphics.Color)	4291780614 (0xFFCF6006)
YUV	118.9290, -55.6740, 77.2383
Hunter-Lab	46.5234, 33.4873, 29.0342

# Details

The Android color **4291780614** 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 **4278613455**, and the grayscale version is **4286019447**.

A 20% lighter version of the original color is **4294939971**, and **4287704320** is the 20% darker color. If you saturate the color by 10%, you get **4291779840**, and if you desaturate by 10%, it is **4291783451**.

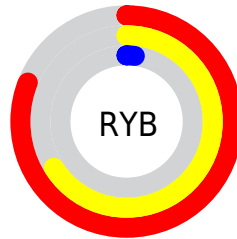
# Distribution



Red (81%)

Green (38%)

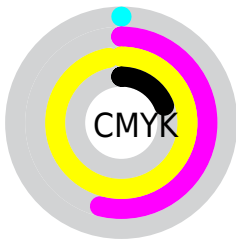
Blue (2%)



Red (81%)

Yellow (66%)

Blue (2%)

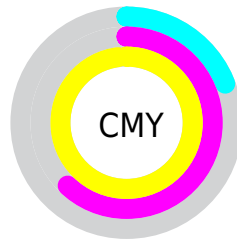


Cyan (0%)

Magenta (54%)

Yellow (97%)

Black (19%)



Cyan (19%)

Magenta (62%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291780614 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 4291780614 by changing the saturation by 10% instead.





4291780614



4291780614

4294967295



4289742592



4294939971



4287704320



4294946909



4285665536



4294954103



4283760640



4294961554



4281925632



4294967214



4279828481



4294967242



4278190080



4294967270



4291780614



4291780614

■ 4291779840

■ 4291783451

■ 4291786543

■ 4291789380

■ 4291792473

■ 4291795310

■ 4291798402

■ 4291801239

■ 4291804076

■ 4291807168

# Harmonies

## Analogous

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



4293541708



4291780614



4288772864

# Triad

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



4291780614



4278229879



4285231858

# Complementary

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



4291780614



4278613455

# 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



4291780614



4278230200

# Square

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



4291780614



4278228789



4278228970



4291056070

# Rectangle

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



4291780614



4286220288



4278228970



4280712442



# Sweetspot

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



4291780614



4294956725



4291757688



4286605139



4278190080



4286611584



# Same Dimension

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



4291780614



4294930944



4291805702



4285096798



4289219328



4280881664

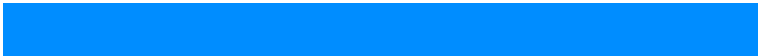


# Inverse Universe

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



4278613455



4278226431



4278588367



4284376169



4278214056



4278196009



# Previews

## White Background



This preview shows how the Android color 4291780614 looks on a white background.

## Color Contrast Check

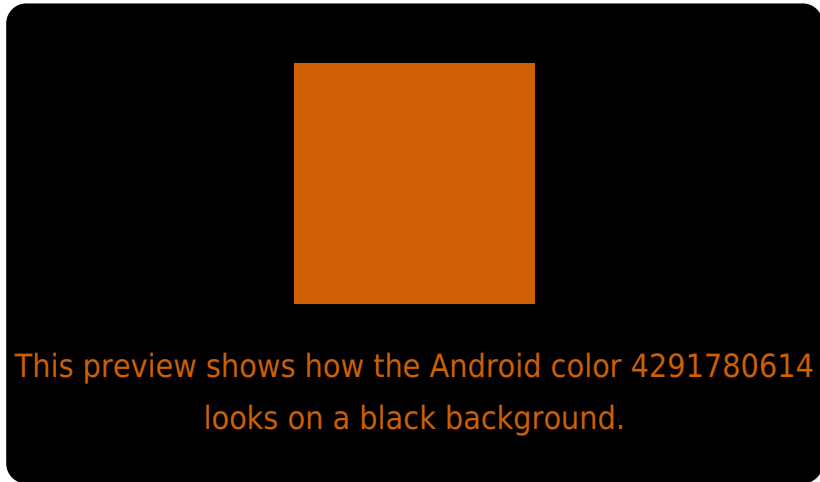
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291780614 Background



This preview shows how black text looks on a background with the Android color 4291780614.



This preview shows how white text looks on a background with the Android color 4291780614.

# 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



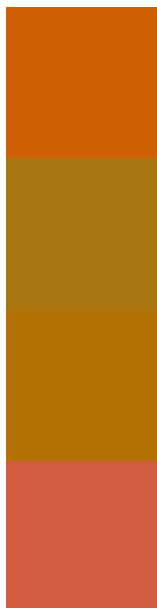
**Original Color**  
4291780614

**Protanopia**  
4287725844

**Deuteranopia**  
4288903680



# Trichromacy



**Original Color**

4291780614

**Protanomaly**

4289230095

**Deuteranomaly**

4289949954

**Tritanomaly**

4291910719

# Monochromacy



**Original Color**

4291780614

**Achromatopsia**

4286019447

**Achromatomaly**

4288114510

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291780614 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(207, 96, 6)` looks like.

```
.text, #text, p{  
    color:rgb(207, 96, 6)  
}
```

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(207, 96, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 96, 6) }
```

## Border

The CSS property to change the border of an element to Android 4291780614 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(207, 96, 6) }
```

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

```
.border{ border-color:rgb(207, 96, 6) }
```

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

Here you see how a box with a 4 pixel rgb(207, 96, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 96, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 96, 6);  
box-shadow:4px 4px 4px 4px rgb(207, 96, 6)  
}
```

# Background

The CSS property to change the background color of an element to Android 4291780614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 96, 6) }
```

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

```
.background{ background-color: rgb(207, 96,  
6) }
```

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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