

# Converting Colors

Android(4291710208)

Have a look what the booklet for  
Android(4291710208) contains.

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# Color

**Android(4291710208)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE4D00
RGB	206, 77, 0
RGB Percent	81%, 30%, 0%
CMY	0.1922, 0.6980, 1.0000
CMYK	0.00, 0.63, 1.00, 0.19
HSL	22°, 100%, 40%
HSV	22°, 100%, 81%
XYZ	28.1075, 18.4296, 2.0758
YIQ	106.7930, 101.6010, 3.4010

# Conversions

## Conversions Part 2

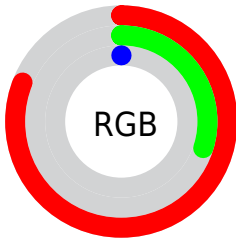
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 123, 0
Decimal	13520128
CIE <sub>Lab</sub>	50.01, 48.58, 60.39
CIE <sub>LCh</sub>	50, 77.502, 51.185
Yxy	18.4296, 0.5782, 0.3791
Android (android.graphics.Color)	4291710208 (0xFFCE4D00)
YUV	106.7930, -52.6489, 87.0045
Hunter-Lab	42.9297, 41.7429, 27.1838

# Details

The Android color **4291710208** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **4278223310**, and the grayscale version is **4285229931**.

A 20% lighter version of the original color is **4294935356**, and **4287566336** is the 20% darker color. If you saturate the color by 10%, you get **4291710208**, and if you desaturate by 10%, it is **4291713557**.

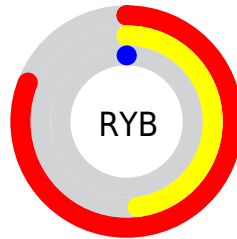
# Distribution



Red (81%)

Green (30%)

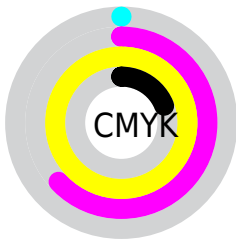
Blue (0%)



Red (81%)

Yellow (48%)

Blue (0%)

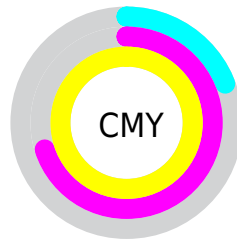


Cyan (0%)

Magenta (63%)

Yellow (100%)

Black (19%)



Cyan (19%)

Magenta (70%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291710208 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 4291710208 by changing the saturation by 10% instead.



 4291710208

 4291710208

 4294967291

 4289606144

 4294935356

 4287566336

 4294942294

 4285530112

 4294949488

 4283564032

 4294956683

 4281860098


 4294964134


 4279107584


 4294967234


 4278190080


 4294967262


 4291710208


 4291713557


 4291716905

 4291720254


 4291723602

 4291726951

 4291730044

 4291733392

 4291736741

 4291740089

# Harmonies

## Analogous

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



4293271628



4291710208



4288769280

# Triad

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



4291710208



4278227553



4281495284

# Complementary

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



4291710208



4278223310

# 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.



4278224379



4291710208



4278227877

# Square

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



4291710208



4278225940



4278227166



4289809099

# Rectangle

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



4291710208



4286217216



4278227166



4278221050



# Sweetspot

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



4291710208



4294954931



4291690626



4286604114



4278190080



4286611584



# Same Dimension

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



4291710208



4294926080



4291736320



4284899420



4289084928



4280684032

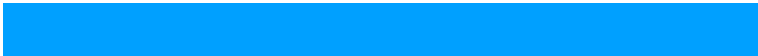


# Inverse Universe

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



4278223310



4278231295



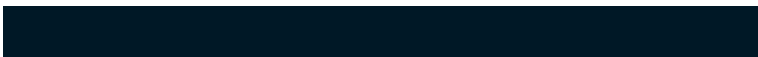
4278197198



4284244582



4278216870



4278196262



# Previews

## White Background



This preview shows how the Android color 4291710208 looks on a white background.

## Color Contrast Check

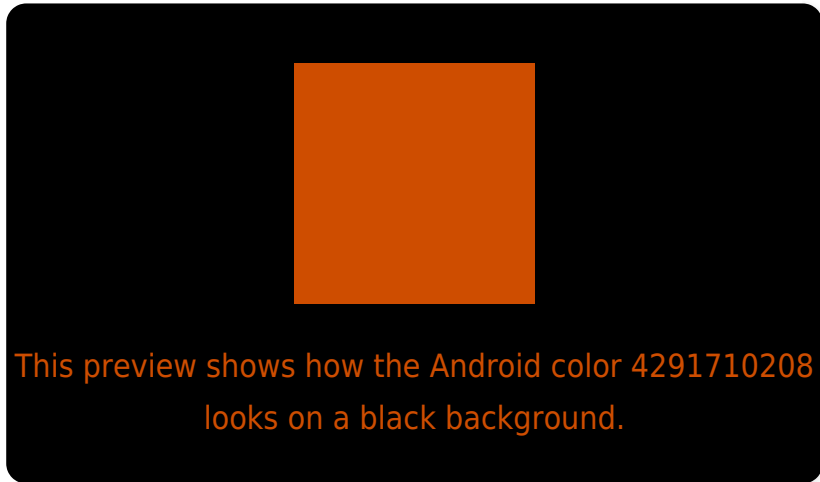
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291710208 Background



This preview shows how black text looks on a background with the Android color 4291710208.



This preview shows how white text looks on a background with the Android color 4291710208.

# 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



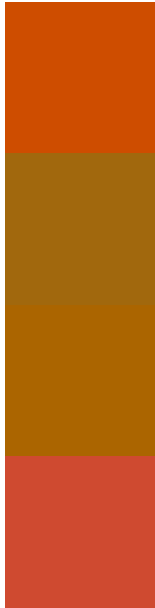
**Original Color**  
4291710208

**Protanopia**  
4287068181

**Deuteranopia**  
4288115200



# Trichromacy



**Original Color**  
4291710208

**Protanomaly**  
4288768013

**Deuteranomaly**  
4289422592

**Tritanomaly**  
4291775024

# Monochromacy



**Original Color**  
4291710208

**Achromatopsia**  
4285229931

**Achromatomaly**  
4287586372

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291710208 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, 77, 0)` looks like.

```
.text, #text, p{  
    color:rgb(206, 77, 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(206, 77, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 77, 0) }
```

## Border

The CSS property to change the border of an element to Android 4291710208 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, 77, 0) }
```

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

```
.border{ border-color:rgb(206, 77, 0) }
```

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

Here you see how a box with a 4 pixel rgb(206, 77, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 77, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 77, 0);  
box-shadow:4px 4px 4px 4px rgb(206, 77, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4291710208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 77, 0) }
```

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

```
.background{ background-color: rgb(206, 77,  
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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