

# Converting Colors

Android(4291570944)

Have a look what the booklet for  
Android(4291570944) contains.

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# Color

**Android(4291570944)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC2D00
RGB	204, 45, 0
RGB Percent	80%, 18%, 0%
CMY	0.2000, 0.8235, 1.0000
CMYK	0.00, 0.78, 1.00, 0.20
HSL	13°, 100%, 40%
HSV	13°, 100%, 80%
XYZ	25.8402, 14.7141, 1.4782
YIQ	87.4110, 109.2090, 19.7130

# Conversions

## Conversions Part 2

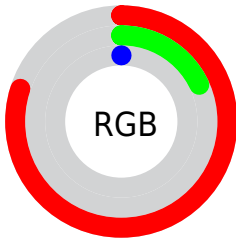
Format	Color
<a href="#">RYB</a>	204, 58, 0
Decimal	13380864
CIELab	45.24, 59.94, 57.88
CIELCh	45, 83.323, 43.995
Yxy	14.7141, 0.6148, 0.3501
Android (android.graphics.Color)	4291570944 (0xFFCC2D00)
YUV	87.4110, -43.0936, 102.2486
Hunter-Lab	38.3590, 53.1167, 24.5665

# Details

The Android color **4291570944** 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 **4278230988**, and the grayscale version is **4283979864**.

A 20% lighter version of the original color is **4294928440**, and **4287365120** is the 20% darker color. If you saturate the color by 10%, you get **4291570944**, and if you desaturate by 10%, it is **4291575060**.

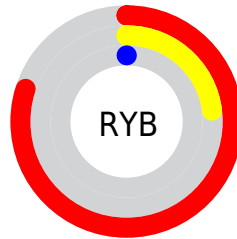
# Distribution



Red (80%)

Green (18%)

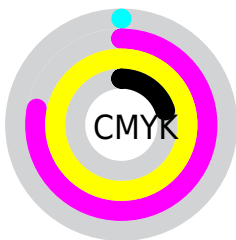
Blue (0%)



Red (80%)

Yellow (23%)

Blue (0%)

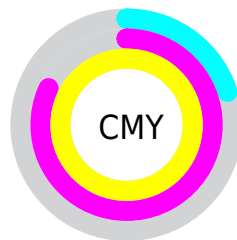


Cyan (0%)

Magenta (78%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (82%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291570944 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 4291570944 by changing the saturation by 10% instead.



 4291570944

 4291570944

 4294967284

 4289462272

 4294928440

 4287365120

 4294935633

 4285333504

 4294943082

 4283301889

 4294950276

 4281466882


 4294957983


 4278190080


 4294965435


 4294967255

 4291570944


 4291575060


 4291579177

 4291583293

 4291587410

 4291591526

 4291595386

 4291599503

 4291603619

 4291607736

# Harmonies

## Analogous

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



4292870222



4291570944



4288764416

# Triad

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



4291570944



4278224194



4278217461

# Complementary

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



4291570944



4278230988

# 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.



4278222579



4291570944



4278224779

# Square

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



4291570944



4278222592



4278224588



4287775697

# Rectangle

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



4291570944



4286278656



4278224588



4278219513



# Sweetspot

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



4291570944



4294951859



4291559584



4286602322



4278190080



4286611584



# Same Dimension

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



4291570944



4294916096



4291596800



4284898908



4289078528



4280682496

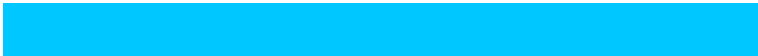


# Inverse Universe

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



4278230988



4278241279



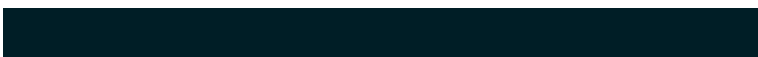
4278205132



4284245094



4278223270



4278197798



# Previews

## White Background



This preview shows how the Android color 4291570944 looks on a white background.

## Color Contrast Check

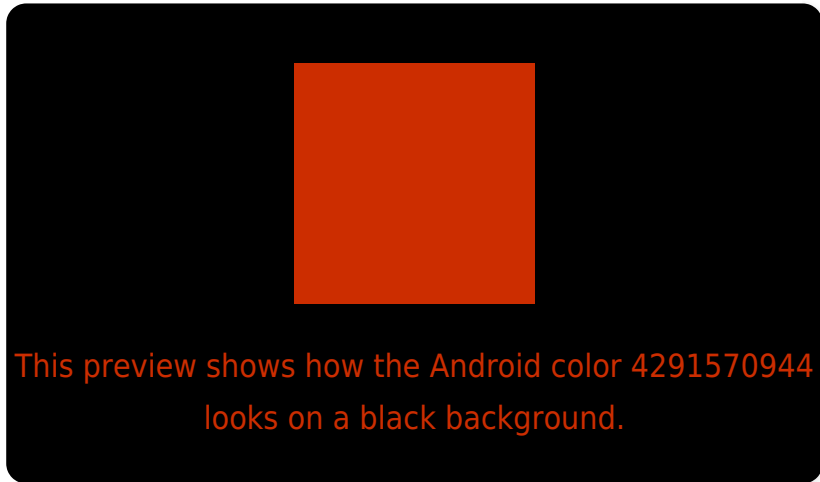
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291570944 Background



This preview shows how black text looks on a background with the Android color 4291570944.



This preview shows how white text looks on a background with the Android color 4291570944.

# 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



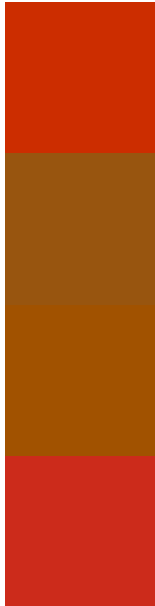
**Original Color**  
4291570944

**Protanopia**  
4286213144

**Deuteranopia**  
4287129344



# Trichromacy



**Original Color**  
4291570944

**Protanomaly**  
4288173327

**Deuteranomaly**  
4288762368

**Tritanomaly**  
4291570459

# Monochromacy



**Original Color**  
4291570944

**Achromatopsia**  
4283914071

**Achromatomaly**  
4286728247

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291570944 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(204, 45, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 45, 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(204, 45, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 45, 0) }
```

## Border

The CSS property to change the border of an element to Android 4291570944 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(204, 45, 0) }
```

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

```
.border{ border-color:rgb(204, 45, 0) }
```

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

Here you see how a box with a 4 pixel rgb(204, 45, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 45, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 45, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 45, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4291570944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 45, 0) }
```

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

```
.background{ background-color: rgb(204, 45,  
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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