

# Converting Colors

Android(4291370496)

Have a look what the booklet for  
Android(4291370496) contains.

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# Color

**Android(4291370496)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C91E00
RGB	201, 30, 0
RGB Percent	79%, 12%, 0%
CMY	0.2118, 0.8824, 1.0000
CMYK	0.00, 0.85, 1.00, 0.21
HSL	9°, 100%, 39%
HSV	9°, 100%, 79%
XYZ	24.5517, 13.3461, 1.2820
YIQ	77.7090, 111.5460, 26.9220

# Conversions

## Conversions Part 2

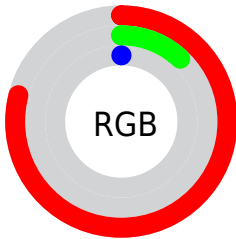
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 35, 0
Decimal	13180416
CIE Lab	43.28, 62.91, 56.71
CIE LCh	43, 84.699, 42.029
Yxy	13.3461, 0.6266, 0.3406
Android (android.graphics.Color)	4291370496 (0xFFC91E00)
YUV	77.7090, -38.3105, 108.1262
Hunter-Lab	36.5323, 56.0303, 23.4919

# Details

The Android color **4291370496** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **4278234057**, and the grayscale version is **4283321934**.

A 20% lighter version of the original color is **4294926134**, and **4287168512** is the 20% darker color. If you saturate the color by 10%, you get **4291370496**, and if you desaturate by 10%, it is **4291374868**.

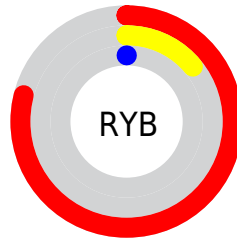
# Distribution



Red (79%)

Green (12%)

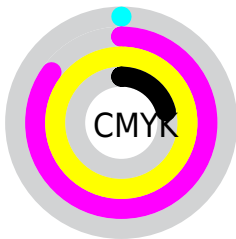
Blue (0%)



Red (79%)

Yellow (14%)

Blue (0%)

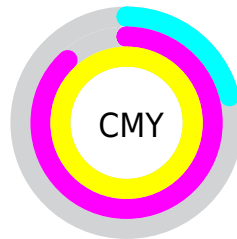


Cyan (0%)

Magenta (85%)

Yellow (100%)

Black (21%)



Cyan (21%)

Magenta (88%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291370496 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 4291370496 by changing the saturation by 10% instead.



 4291370496

 4291370496

 4294967281

 4289265664

 4294926134

 4287168512

 4294933327

 4285071360

 4294940776

 4283105282

 4294948226

 4281204738

 4294955677

 4278190080

 4294963128


 4294967252

 4291370496

 4291374868

 4291379240

 4291383612

 4291387984

 4291392613

 4291396985

 4291401357

 4291405729

 4291410101

# Harmonies

## Analogous

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



4292542542



4291370496



4288631552

# Triad

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



4291370496



4278222647



4278216691

# Complementary

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



4291370496



4278234057

# 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.



4278221550



4291370496



4278223490

# Square

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



4291370496



4278221056



4278223300



4286988496

# Rectangle

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



4291370496



4286146048



4278223300



4278218742



# Sweetspot

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



4291370496



4294950579



4291362990



4286601298



4278190080



4286611584



# Same Dimension

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



4291370496



4294911488



4291395328



4284701530



4288878592



4280550656

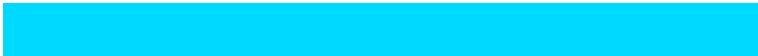


# Inverse Universe

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



4278234057



4278245887



4278209225



4284113507



4278225827



4278197796



# Previews

## White Background



This preview shows how the Android color 4291370496 looks on a white background.

## Color Contrast Check

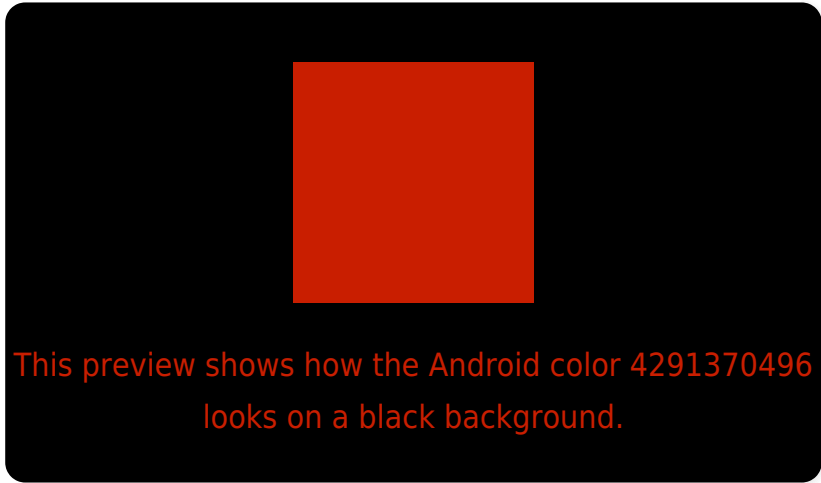
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291370496 Background



This preview shows how black text looks on a background with the Android color 4291370496.



This preview shows how white text looks on a background with the Android color 4291370496.

# 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



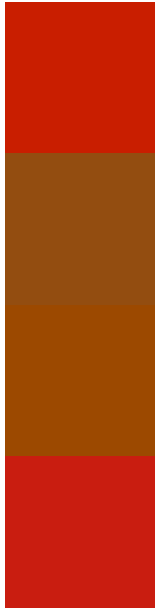
**Original Color**  
4291370496

**Protanopia**  
4285818905

**Deuteranopia**  
4286800384



# Trichromacy



**Original Color**  
4291370496

**Protanomaly**  
4287843600

**Deuteranomaly**  
4288432384

**Tritanomaly**  
4291370256

# Monochromacy



**Original Color**  
4291370496

**Achromatopsia**  
4283321934

**Achromatomaly**  
4286266674

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291370496 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(201, 30, 0)` looks like.

```
.text, #text, p{  
    color:rgb(201, 30, 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(201, 30, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 30, 0) }
```

## Border

The CSS property to change the border of an element to Android 4291370496 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(201, 30, 0) }
```

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

```
.border{ border-color:rgb(201, 30, 0) }
```

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

Here you see how a box with a 4 pixel rgb(201, 30, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 30, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 30, 0);  
box-shadow:4px 4px 4px 4px rgb(201, 30, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4291370496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 30, 0) }
```

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

```
.background{ background-color: rgb(201, 30,  
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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