

# Converting Colors

Android(4291231744)

Have a look what the booklet for  
Android(4291231744) contains.

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# Color

**Android(4291231744)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C70000
RGB	199, 0, 0
RGB Percent	78%, 0%, 0%
CMY	0.2196, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.22
HSL	0°, 100%, 39%
HSV	0°, 100%, 78%
XYZ	23.5532, 12.1421, 1.1023
YIQ	59.5010, 118.6040, 42.1880

# Conversions

## Conversions Part 2

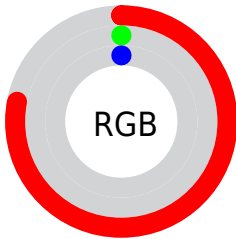
Format	Color
<b>RYB</b>	199, 0, 0
Decimal	13041664
CIELab	41.44, 66.47, 55.77
CIELCh	41, 86.764, 40.000
Yxy	12.1421, 0.6401, 0.3300
Android (android.graphics.Color)	4291231744 (0xFFC70000)
YUV	59.5010, -29.3340, 122.3406
Hunter-Lab	34.8455, 59.6740, 22.5164

# Details

The Android color **4291231744** 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 **4278241223**, and the grayscale version is **4282137660**.

A 20% lighter version of the original color is **4294923316**, and **4286971904** is the 20% darker color. If you saturate the color by 10%, you get **4291231744**, and if you desaturate by 10%, it is **4291236884**.

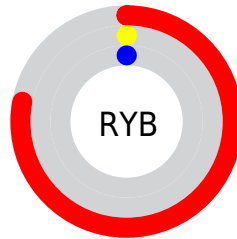
# Distribution



Red (78%)

Green (0%)

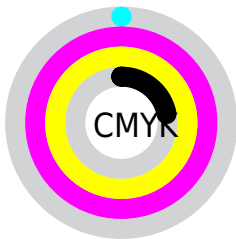
Blue (0%)



Red (78%)

Yellow (0%)

Blue (0%)

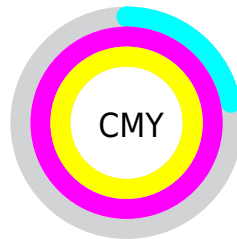


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (22%)



Cyan (22%)

Magenta (100%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291231744 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 4291231744 by changing the saturation by 10% instead.



 4291231744

 4291231744

 4294967278

 4289134592

 4294923316

 4286971904

 4294930764

 4284940288

 4294938213

 4283039747

 4294945663

 4280942593


 4294953114

 4278190080

 4294960821

 4294967249

 4291231744

 4291236884


 4291242024


 4291247164


 4291252304

 4291257444

 4291262327

 4291267467

 4291272607

 4291277747

# Harmonies

## Analogous

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



4292345934



4291231744



4288498432

# Triad

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



4291231744



4278221356



4278216178

# Complementary

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



4291231744



4278241223

# 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.



4278220778



4291231744



4278222201

# Square

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



4291231744



4278219776



4278222269



4286201553

# Rectangle

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



4291231744



4286078976



4278222269



4278218228



# Sweetspot

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



4291231744



4294947763



4291231943



4286599762



4278190080



4286611584



# Same Dimension

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



4291231744



4294901760



4291257344



4284701274



4288872448



4280549376



# Inverse Universe

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



4278241223



4278255615



4278215879



4284113763



4278231971



4278199332



# Previews

## White Background



This preview shows how the Android color 4291231744 looks on a white background.

## Color Contrast Check

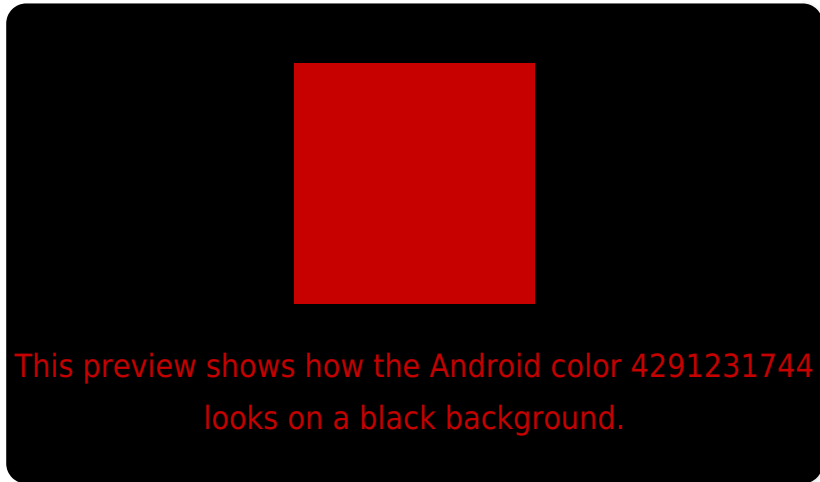
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291231744 Background



This preview shows how black text looks on a background with the Android color 4291231744.



This preview shows how white text looks on a background with the Android color 4291231744.

# 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**  
4291231744

**Protanopia**  
4285621530

**Deuteranopia**  
4286471936



# Trichromacy



**Original Color**  
4291231744

**Protanomaly**  
4287643665

**Deuteranomaly**  
4288232448

**Tritanomaly**  
4291169024

# Monochromacy



**Original Color**  
4291231744

**Achromatopsia**  
4282137660

**Achromatomaly**  
4285474342

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291231744 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(199, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(199, 0, 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(199, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 0, 0) }
```

## Border

The CSS property to change the border of an element to Android 4291231744 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(199, 0, 0) }
```

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

```
.border{ border-color:rgb(199, 0, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 0, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(199, 0, 0); box-shadow:4px  
4px 4px 4px rgb(199, 0, 0) }
```

# Background

The CSS property to change the background color of an element to Android 4291231744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 0, 0) }
```

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

```
.background{ background-color: rgb(199, 0,  
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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