

# Converting Colors

Android(4291233038)

Have a look what the booklet for  
Android(4291233038) contains.

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# Color

**Android(4291233038)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7050E
RGB	199, 5, 14
RGB Percent	78%, 2%, 5%
CMY	0.2196, 0.9804, 0.9451
CMYK	0.00, 0.97, 0.93, 0.22
HSL	357°, 95%, 40%
HSV	357°, 97%, 78%
XYZ	23.6867, 12.2824, 1.5378
YIQ	64.0320, 112.7350, 43.9270

# Conversions

## Conversions Part 2

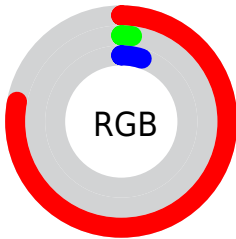
<b>Format</b>	<b>Color</b>
<b>RYB</b>	199, 5, 14
Decimal	13042958
CIELab	41.66, 66.11, 51.07
CIELCh	42, 83.538, 37.688
Yxy	12.2824, 0.6315, 0.3275
Android (android.graphics.Color)	4291233038 (0xFFC7050E)
YUV	64.0320, -24.6658, 118.3669
Hunter-Lab	35.0462, 59.3122, 21.9308

# Details

The Android color **4291233038** 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 **4278568894**, and the grayscale version is **4282400832**.

A 20% lighter version of the original color is **4294923582**, and **4287037440** is the 20% darker color. If you saturate the color by 10%, you get **4291231753**, and if you desaturate by 10%, it is **4291238177**.

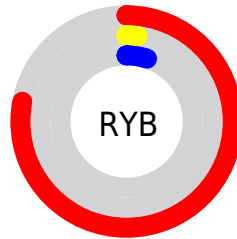
# Distribution



Red (78%)

Green (2%)

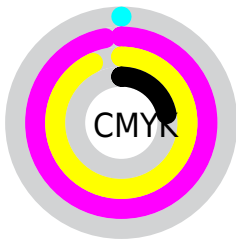
Blue (5%)



Red (78%)

Yellow (2%)

Blue (5%)

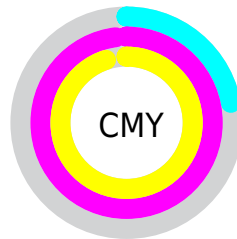


Cyan (0%)

Magenta (97%)

Yellow (93%)

Black (22%)



Cyan (22%)

Magenta (98%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291233038 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 4291233038 by changing the saturation by 10% instead.



 4291233038

 4291233038

 4294967288

 4289134592

 4294923582

 4287037440

 4294931286

 4284940288

 4294938735

 4283039747

 4294946185

 4281008129

 4294953636

 4278190080

 4294961087

 4294967259

 4291233038

 4291233038

■ 4291231753

■ 4291238177

■ 4291243316

■ 4291248455

■ 4291253594

■ 4291258733

■ 4291263616

■ 4291268755

■ 4291273894

■ 4291279033

# Harmonies

## Analogous

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



4292083796



4291233038



4288694784

# Triad

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



4291233038



4278221353



4278216686

# Complementary

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



4291233038



4278568894

# 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.



4278221028



4291233038



4278222195

# Square

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



4291233038



4278219776



4278222262



4285613265

# Rectangle

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



4291233038



4286406144



4278222262



4278218479



# Sweetspot

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



4291233038



4294948280



4290577863



4286600021



4278190080



4286611584



# Same Dimension

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



4291233038



4294901772



4291255301



4284701274



4288872456



4280549378



# Inverse Universe

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



4291233038



4294901772



4278546631



4284701274



4288872456



4280549378



# Previews

## White Background



This preview shows how the Android color 4291233038 looks on a white background.

## Color Contrast Check

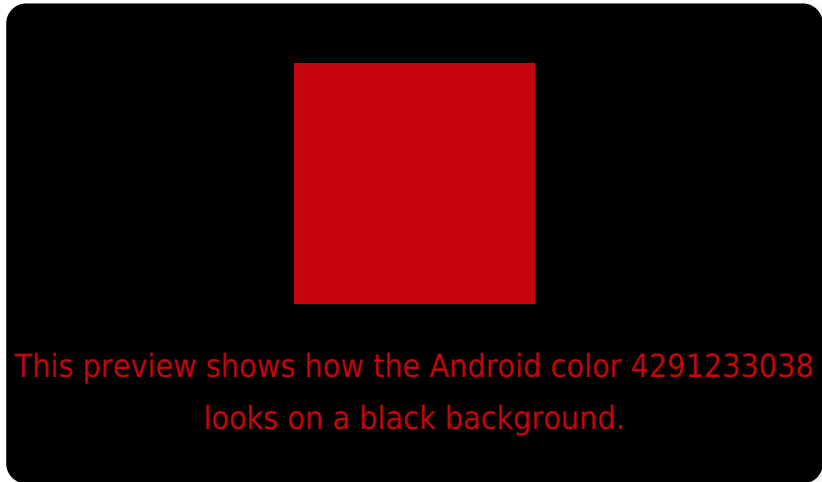
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291233038 Background



This preview shows how black text looks on a background with the Android color 4291233038.



This preview shows how white text looks on a background with the Android color 4291233038.

# 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**  
4291233038

**Protanopia**  
4285621536

**Deuteranopia**  
4286537472



**Tritanopia**  
4291170816

# Trichromacy



**Original Color**  
4291233038

**Protanomaly**  
4287644185

**Deuteranomaly**  
4288232965

**Tritanomaly**  
4291169541

# Monochromacy



**Original Color**  
4291233038

**Achromatopsia**  
4282400832

**Achromatomaly**  
4285606702

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291233038 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, 5, 14)` looks like.

```
.text, #text, p{  
    color:rgb(199, 5, 14)  
}
```

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, 5, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 5, 14) }
```

## Border

The CSS property to change the border of an element to Android 4291233038 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, 5, 14) }
```

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

```
.border{ border-color:rgb(199, 5, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 5, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 5, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 5, 14);  
box-shadow:4px 4px 4px 4px rgb(199, 5, 14)  
}
```

# Background

The CSS property to change the background color of an element to Android 4291233038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 5, 14) }
```

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

```
.background{ background-color: rgb(199, 5,  
14) }
```

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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