

# Converting Colors

Android(4291756055)

Have a look what the booklet for  
Android(4291756055) contains.

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# Color

**Android(4291756055)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF0017
RGB	207, 0, 23
RGB Percent	81%, 0%, 9%
CMY	0.1882, 1.0000, 0.9098
CMYK	0.00, 1.00, 0.89, 0.19
HSL	353°, 100%, 41%
HSV	353°, 100%, 81%
XYZ	25.8868, 13.3273, 2.0186
YIQ	64.5150, 115.9890, 51.0370

# Conversions

## Conversions Part 2

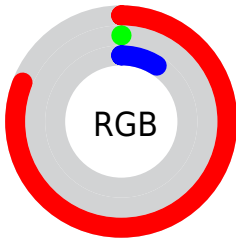
Format	Color
<a href="#">RYB</a>	207, 0, 23
Decimal	13565975
CIELab	43.25, 68.71, 49.23
CIELCh	43, 84.520, 35.621
Yxy	13.3273, 0.6278, 0.3232
Android (android.graphics.Color)	4291756055 (0xFFCF0017)
YUV	64.5150, -20.4669, 124.9593
Hunter-Lab	36.5065, 62.6880, 22.2761

# Details

The Android color **4291756055** 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 **4278243256**, and the grayscale version is **4282466625**.

A 20% lighter version of the original color is **4294923845**, and **4287496192** is the 20% darker color. If you saturate the color by 10%, you get **4291756055**, and if you desaturate by 10%, it is **4291761449**.

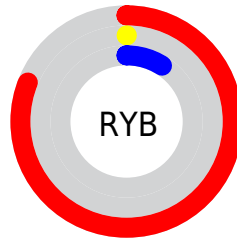
# Distribution



Red (81%)

Green (0%)

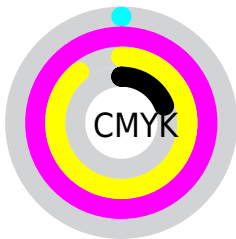
Blue (9%)



Red (81%)

Yellow (0%)

Blue (9%)

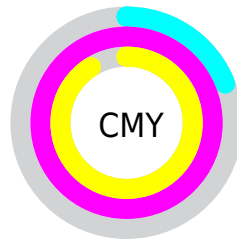


Cyan (0%)

Magenta (100%)

Yellow (89%)

Black (19%)



Cyan (19%)

Magenta (100%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291756055 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 4291756055 by changing the saturation by 10% instead.





4291756055



4291756055

4294967295



4289658880



4294923845



4287496192



4294931550



4285464576



4294938999



4283432962



4294946449



4281466882



4294954156



4278190080




4294961608




4294967268





4291756055


 4291761449

 4291766588


 4291771982

 4291777377

 4291782771

 4291787909

 4291793304

 4291798698

 4291803837

# Harmonies

## Analogous

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



4292477021



4291756055



4289284864

# Triad

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



4291756055



4278222374



4278218229

# Complementary

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



4291756055



4278243256

# 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.



4278222312



4291756055



4278223218

# Square

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



4291756055



4279793408



4278223543



4285352922

# Rectangle

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



4291756055



4286996480



4278223543



4278219765



# Sweetspot

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



4291756055



4294947771



4290183375



4286599767



4278190080



4286611584



# Same Dimension

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



4291756055



4294901788



4291776256



4285095519



4289200147



4280877061



# Inverse Universe

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



4291756055



4294901788



4278223055



4285095519



4289200147



4280877061



# Previews

## White Background



This preview shows how the Android color 4291756055 looks on a white background.

## Color Contrast Check

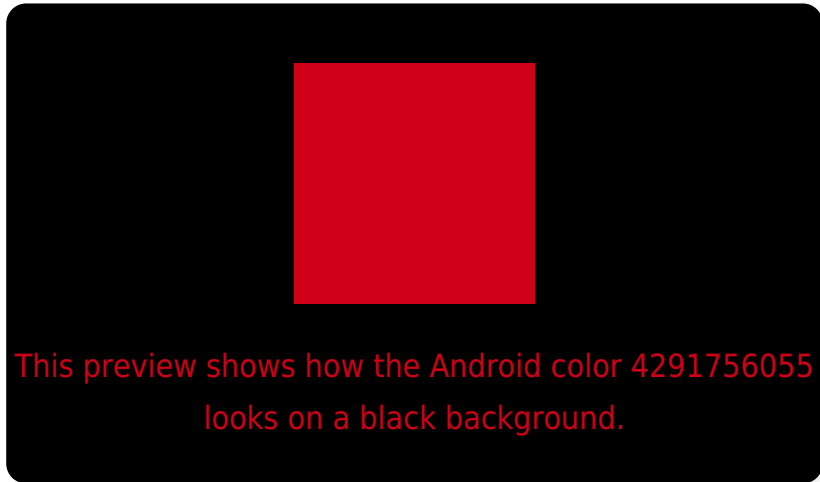
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291756055 Background



This preview shows how black text looks on a background with the Android color 4291756055.



This preview shows how white text looks on a background with the Android color 4291756055.

# 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**  
4291756055

**Protanopia**  
4285884713

**Deuteranopia**  
4286866176



# Trichromacy



**Original Color**  
4291756055

**Protanomaly**  
4288037666

**Deuteranomaly**  
4288626440

**Tritanomaly**  
4291693576

# Monochromacy



**Original Color**  
4291756055

**Achromatopsia**  
4282466625

**Achromatomaly**  
4285868338

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291756055 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(207, 0, 23)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 23)  
}
```

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(207, 0, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 23) }
```

## Border

The CSS property to change the border of an element to Android 4291756055 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(207, 0, 23) }
```

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

```
.border{ border-color:rgb(207, 0, 23) }
```

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

Here you see how a box with a 4 pixel rgb(207, 0, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 23);  
box-shadow:4px 4px 4px 4px rgb(207, 0, 23)  
}
```

# Background

The CSS property to change the background color of an element to Android 4291756055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 0, 23) }
```

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

```
.background{ background-color: rgb(207, 0,  
23) }
```

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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