

# Converting Colors

Android(4291428873)

Have a look what the booklet for  
Android(4291428873) contains.

<b>Android(4291428873)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4291428873)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA0209
RGB	202, 2, 9
RGB Percent	79%, 1%, 4%
CMY	0.2078, 0.9922, 0.9647
CMYK	0.00, 0.99, 0.96, 0.21
HSL	358°, 98%, 40%
HSV	358°, 99%, 79%
XYZ	24.4281, 12.6197, 1.4068
YIQ	62.5980, 116.9530, 44.5770

# Conversions

## Conversions Part 2

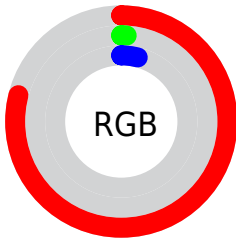
Format	Color
<a href="#">RYB</a>	<a href="#">202, 2, 9</a>
Decimal	<a href="#">13238793</a>
CIELab	<a href="#">42.18, 67.10, 53.39</a>
CIELCh	<a href="#">42, 85.750, 38.507</a>
Yxy	<a href="#">12.6197, 0.6352, 0.3282</a>
Android (android.graphics.Color)	<a href="#">4291428873</a> (0xFFCA0209)
YUV	<a href="#">62.5980, -26.4238, 122.2556</a>
Hunter-Lab	<a href="#">35.5242, 60.5777, 22.5190</a>

# Details

The Android color **4291428873** 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 **4278373059**, and the grayscale version is **4282335039**.

A 20% lighter version of the original color is **4294923579**, and **4287168512** is the 20% darker color. If you saturate the color by 10%, you get **4291428359**, and if you desaturate by 10%, it is **4291434012**.

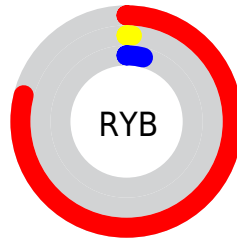
# Distribution



Red (79%)

Green (1%)

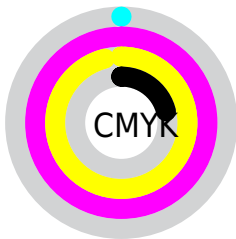
Blue (4%)



Red (79%)

Yellow (1%)

Blue (4%)

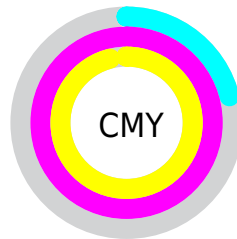


Cyan (0%)

Magenta (99%)

Yellow (96%)

Black (21%)



Cyan (21%)

Magenta (99%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291428873 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 4291428873 by changing the saturation by 10% instead.



 4291428873

 4291428873

 4294967285

 4289331200

 4294923579

 4287168512

 4294931283

 4285136896

 4294938732

 4283170819

 4294946182

 4281139201

 4294953633

 4278190080

 4294961340

 4294967256

 4291428873

 4291428873

■ 4291428359

■ 4291434012

■ 4291439152

■ 4291444547

■ 4291449687

■ 4291454826

■ 4291459966

■ 4291465105

■ 4291470501

■ 4291475640

# Harmonies

## Analogous

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



4292411475



4291428873



4288826112

# Triad

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



4291428873



4278221866



4278216947

# Complementary

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



4291428873



4278373059

# 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.



4278221290



4291428873



4278222711

# Square

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



4291428873



4278220288



4278222779



4285940692

# Rectangle

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



4291428873



4286406656



4278222779



4278218740



# Sweetspot

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



4291428873



4294947765



4290773706



4286599763



4278190080



4286611584



# Same Dimension

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



4291428873



4294901769



4291451906



4284898396



4289069062



4280680449



# Inverse Universe

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



4291428873



4294901769



4278350026



4284898396



4289069062



4280680449



# Previews

## White Background



This preview shows how the Android color 4291428873 looks on a white background.

## Color Contrast Check

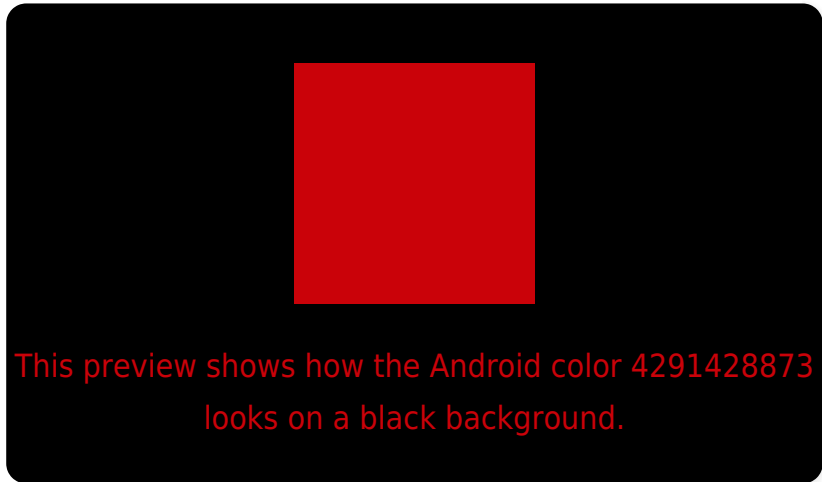
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291428873 Background



This preview shows how black text looks on a background with the Android color 4291428873.



This preview shows how white text looks on a background with the Android color 4291428873.

# 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**  
4291428873

**Protanopia**  
4285687325

**Deuteranopia**  
4286603520



# Trichromacy



**Original Color**  
4291428873

**Protanomaly**  
4287775254

**Deuteranomaly**  
4288364035

**Tritanomaly**  
4291366147

# Monochromacy



**Original Color**  
4291428873

**Achromatopsia**  
4282335039

**Achromatomaly**  
4285671723

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291428873 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(202, 2, 9)` looks like.

```
.text, #text, p{  
    color:rgb(202, 2, 9)  
}
```

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(202, 2, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 2, 9) }
```

## Border

The CSS property to change the border of an element to Android 4291428873 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(202, 2, 9) }
```

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

```
.border{ border-color:rgb(202, 2, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 2, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 2, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(202, 2, 9); box-shadow:4px  
4px 4px 4px rgb(202, 2, 9) }
```

# Background

The CSS property to change the background color of an element to Android 4291428873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 2, 9) }
```

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

```
.background{ background-color: rgb(202, 2,  
9) }
```

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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