

# Converting Colors

Android(4291299841)

Have a look what the booklet for  
Android(4291299841) contains.

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# Color

**Android(4291299841)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C80A01
RGB	200, 10, 1
RGB Percent	78%, 4%, 0%
CMY	0.2157, 0.9608, 0.9961
CMYK	0.00, 0.95, 0.99, 0.22
HSL	3°, 99%, 39%
HSV	3°, 100%, 78%
XYZ	23.9334, 12.4986, 1.1798
YIQ	65.7840, 116.1290, 37.4810

# Conversions

## Conversions Part 2

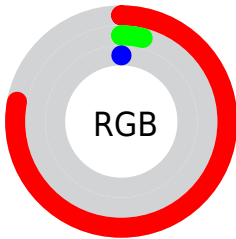
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 10, 1
Decimal	13109761
CIE <sub>Lab</sub>	42.00, 65.75, 55.74
CIE <sub>LCh</sub>	42, 86.195, 40.292
Yxy	12.4986, 0.6363, 0.3323
Android (android.graphics.Color)	4291299841 (0xFFC80A01)
YUV	65.7840, -31.9385, 117.7074
Hunter-Lab	35.3534, 58.9719, 22.7688

# Details

The Android color **4291299841** 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 **4278304712**, and the grayscale version is **4282532418**.

A 20% lighter version of the original color is **4294924085**, and **4287037440** is the 20% darker color. If you saturate the color by 10%, you get **4291299584**, and if you desaturate by 10%, it is **4291304725**.

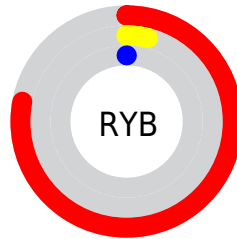
# Distribution



Red (78%)

Green (4%)

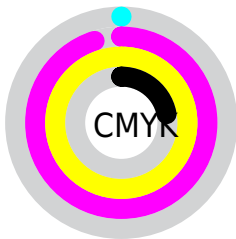
Blue (0%)



Red (78%)

Yellow (4%)

Blue (0%)

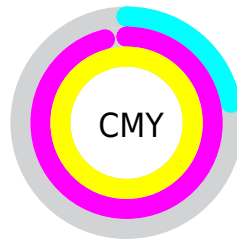


Cyan (0%)

Magenta (95%)

Yellow (99%)

Black (22%)



Cyan (22%)

Magenta (96%)


Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291299841 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 4291299841 by changing the saturation by 10% instead.



 4291299841

 4291299841

 4294967279

 4289200128

 4294924085

 4287037440

 4294931534

 4285005824

 4294938983

 4283039747

 4294946433

 4281073665

 4294953883

 4278190080

 4294961591

 4294967251

 4291299841

 4291299841

■ 4291299584

■ 4291304725

■ 4291309609

■ 4291314493

■ 4291319377

■ 4291324261

■ 4291329401

■ 4291334285

■ 4291339169

■ 4291344053

# Harmonies

## Analogous

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



4292411471



4291299841



4288564480

# Triad

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



4291299841



4278221871



4278216434

# Complementary

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



4291299841



4278304712

# 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.



4278221035



4291299841



4278222459

# Square

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



4291299841



4278220288



4278222527



4286332882

# Rectangle

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



4291299841



4286144768



4278222527



4278218485



# Sweetspot

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



4291299841



4294948531



4291297729



4286600274



4278190080



4286611584



# Same Dimension

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



4291299841



4294904832



4291324673



4284701274



4288874240



4280549888



# Inverse Universe

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



4278304712



4278252543



4278279880



4284113763



4278230179



4278198820



# Previews

## White Background



This preview shows how the Android color 4291299841 looks on a white background.

## Color Contrast Check

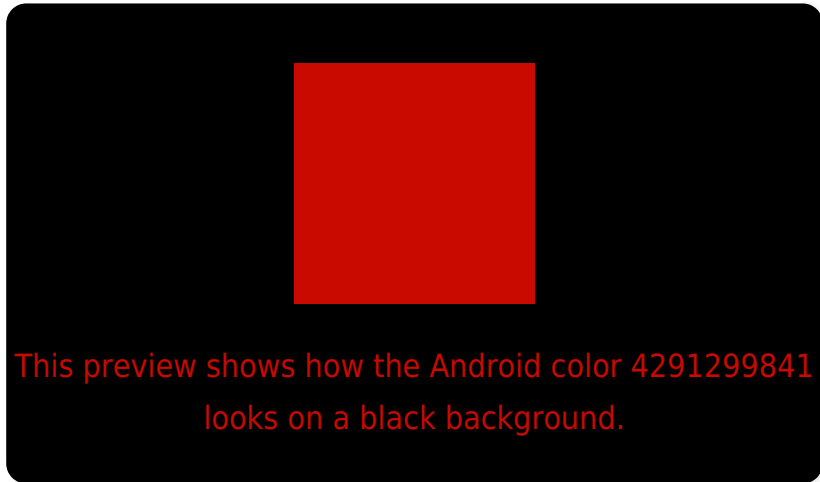
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291299841 Background



This preview shows how black text looks on a background with the Android color 4291299841.



This preview shows how white text looks on a background with the Android color 4291299841.

# 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



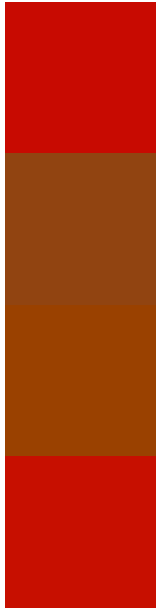
**Original Color**  
4291299841

**Protanopia**  
4285687066

**Deuteranopia**  
4286537728



# Trichromacy



**Original Color**  
4291299841

**Protanomaly**  
4287710225

**Deuteranomaly**  
4288299264

**Tritanomaly**  
4291235584

# Monochromacy



**Original Color**  
4291299841

**Achromatopsia**  
4282532418

**Achromatomaly**  
4285738538

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291299841 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(200, 10, 1)` looks like.

```
.text, #text, p{  
    color:rgb(200, 10, 1)  
}
```

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(200, 10, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 10, 1) }
```

## Border

The CSS property to change the border of an element to Android 4291299841 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(200, 10, 1) }
```

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

```
.border{ border-color:rgb(200, 10, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 10, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 10, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 10, 1);  
box-shadow:4px 4px 4px 4px rgb(200, 10, 1)  
}
```

# Background

The CSS property to change the background color of an element to Android 4291299841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 10, 1) }
```

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

```
.background{ background-color: rgb(200, 10,  
1) }
```

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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