

# Converting Colors

Android(4291826209)

Have a look what the booklet for  
Android(4291826209) contains.

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# **Color**

**Android(4291826209)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D01221
RGB	208, 18, 33
RGB Percent	82%, 7%, 13%
CMY	0.1843, 0.9294, 0.8706
CMYK	0.00, 0.91, 0.84, 0.18
HSL	355°, 84%, 44%
HSV	355°, 91%, 82%
XYZ	26.5032, 13.9523, 2.7350
YIQ	76.5200, 108.4250, 44.9450

# Conversions

## Conversions Part 2

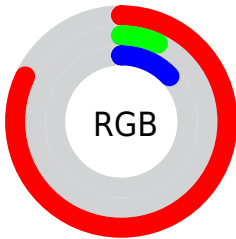
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">208, 18, 33</a>
Decimal	<a href="#">13636129</a>
CIELab	<a href="#">44.16, 67.33, 45.16</a>
CIElCh	<a href="#">44, 81.069, 33.852</a>
Yxy	<a href="#">13.9523, 0.6136, 0.3230</a>
Android (android.graphics.Color)	<a href="#">4291826209 (0xFFD01221)</a>
YUV	<a href="#">76.5200, -21.4554, 115.3080</a>
Hunter-Lab	<a href="#">37.3528, 61.2852, 21.8056</a>

# Details

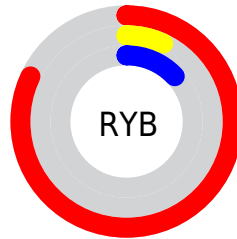
The Android color **4291826209** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **4279423169**, and the grayscale version is **4283256141**.

A 20% lighter version of the original color is **4294925135**, and **4287627264** is the 20% darker color. If you saturate the color by 10%, you get **4291821584**, and if you desaturate by 10%, it is **4291831604**.

# Distribution



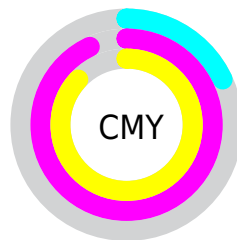
- Red (82%)
- Green (7%)
- Blue (13%)



- Red (82%)
- Yellow (7%)
- Blue (13%)



- Cyan (0%)
- Magenta (91%)
- Yellow (84%)
- Black (18%)



- Cyan (18%)
- Magenta (93%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291826209 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 4291826209 by changing the saturation by 10% instead.





4291826209



4291826209

4294967295



4289724427



4294925135



4287627264



4294932840



4285530112



4294940289



4283564034



4294947739



4281597954



4294955190



4278190080



4294962898



4294967279



4291826209



4291826209

■ 4291821584

■ 4291831604

■ 4291836999

■ 4291842138

■ 4291847534

■ 4291852929

■ 4291858324

■ 4291863719

■ 4291868858

■ 4291874253

# Harmonies

## Analogous

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



4292411491



4291826209



4289547264

# Triad

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



4291826209



4278222886



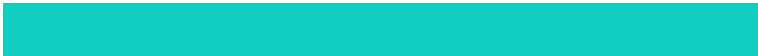
4278218994

# Complementary

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



4291826209



4279423169

# 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.



4278222563



4291826209



4278223728

# Square

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



4291826209



4281039104



4278223795



4285092314

# Rectangle

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



4291826209



4287324416



4278223795



4278220529



# Sweetspot

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



4291826209



4294949568



4290777808



4286601050



4278190080



4286611584



# Same Dimension

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



4291826209



4294901780



4291846418



4285095519



4289200141



4280877059



# Inverse Universe

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



4291826209



4294901780



4279402960



4285095519



4289200141



4280877059



# Previews

## White Background



This preview shows how the Android color 4291826209 looks on a white background.

## Color Contrast Check

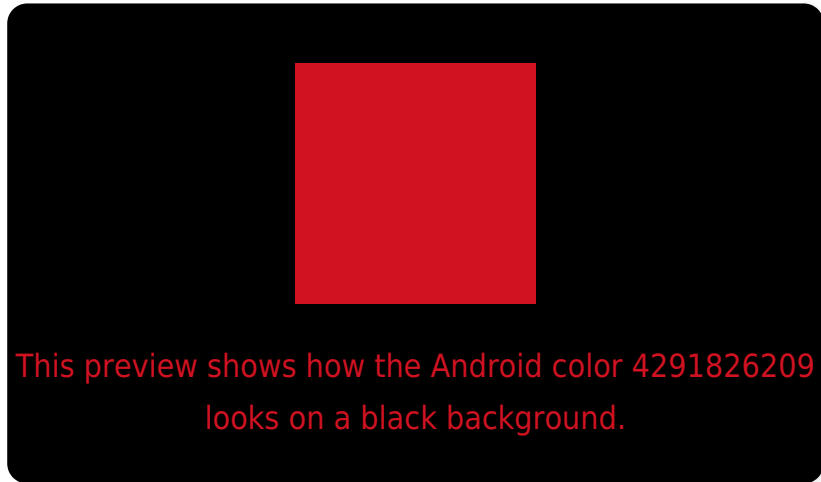
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291826209 Background



This preview shows how black text looks on a background with the Android color 4291826209.



This preview shows how white text looks on a background with the Android color 4291826209.

# 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**  
4291826209

**Protanopia**  
4285884981

**Deuteranopia**  
4286997507



# Trichromacy



**Original Color**  
4291826209

**Protanomaly**  
4288039470

**Deuteranomaly**  
4288759310

**Tritanomaly**  
4291826965

# Monochromacy



**Original Color**  
4291826209

**Achromatopsia**  
4283256141

**Achromatomaly**  
4286396477

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291826209 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(208, 18, 33)` looks like.

```
.text, #text, p{  
    color:rgb(208, 18, 33)  
}
```

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(208, 18, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 18, 33) }
```

## Border

The CSS property to change the border of an element to Android 4291826209 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(208, 18, 33) }
```

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

```
.border{ border-color:rgb(208, 18, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 18, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 18, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 18, 33);  
box-shadow:4px 4px 4px 4px rgb(208, 18,  
33) }
```

# Background

The CSS property to change the background color of an element to Android 4291826209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 18, 33) }
```

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

```
.background{ background-color: rgb(208, 18,  
33) }
```

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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