

# Converting Colors

Android(4291437332)

Have a look what the booklet for  
Android(4291437332) contains.

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# Color

**Android(4291437332)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA2314
RGB	202, 35, 20
RGB Percent	79%, 14%, 8%
CMY	0.2078, 0.8627, 0.9216
CMYK	0.00, 0.83, 0.90, 0.21
HSL	5°, 82%, 44%
HSV	5°, 90%, 79%
XYZ	25.0844, 13.8091, 2.0052
YIQ	83.2230, 104.3470, 30.7390

# Conversions

## Conversions Part 2

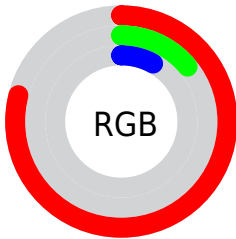
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 36, 20
Decimal	13247252
CIE Lab	43.96, 62.28, 50.56
CIE LCh	44, 80.219, 39.071
Yxy	13.8091, 0.6133, 0.3376
Android (android.graphics.Color)	4291437332 (0xFFCA2314)
YUV	83.2230, -31.1689, 104.1674
Hunter-Lab	37.1606, 55.4612, 22.8132

# Details

The Android color **4291437332** 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 **4279548874**, and the grayscale version is **4283650899**.

A 20% lighter version of the original color is **4294926916**, and **4287234048** is the 20% darker color. If you saturate the color by 10%, you get **4291432704**, and if you desaturate by 10%, it is **4291442216**.

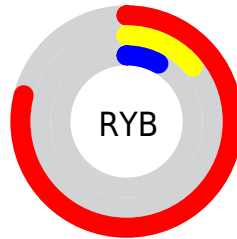
# Distribution



Red (79%)

Green (14%)

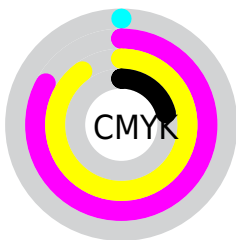
Blue (8%)



Red (79%)

Yellow (14%)

Blue (8%)

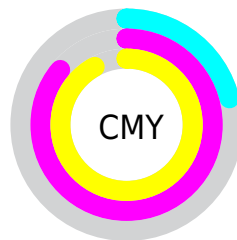


Cyan (0%)

Magenta (83%)

Yellow (90%)

Black (21%)



Cyan (21%)

Magenta (86%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291437332 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 4291437332 by changing the saturation by 10% instead.





4291437332



4291437332

4294967295



4289331200



4294926916



4287234048



4294934108



4285202432



4294941558



4283236354



4294949008



4281270274



4294956459



4278190080



4294963910



4294967267



4291437332



4291437332

■ 4291432704

■ 4291442216

■ 4291446844

■ 4291451729

■ 4291456357

■ 4291461241

■ 4291465869

■ 4291470753

■ 4291475382

■ 4291480266

# Harmonies

## Analogous

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



4292345943



4291437332



4288958976

# Triad

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



4291437332



4278222900



4278217710

# Complementary

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



4291437332



4279548874

# 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.



4278222054



4291437332



4278223739

# Square

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



4291437332



4279138816



4278223547



4286400977

# Rectangle

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



4291437332



4286670080



4278223547



4278219504



# Sweetspot

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



4291437332



4294951098



4291433662



4286601815



4278190080



4286611584



# Same Dimension

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



4291437332



4294907136



4291459860



4284898652



4289072640



4280681216



# Inverse Universe

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



4279548874



4278250239



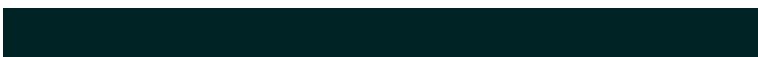
4279526346



4284245350



4278229158



4278199078



# Previews

## White Background



This preview shows how the Android color 4291437332 looks on a white background.

## Color Contrast Check

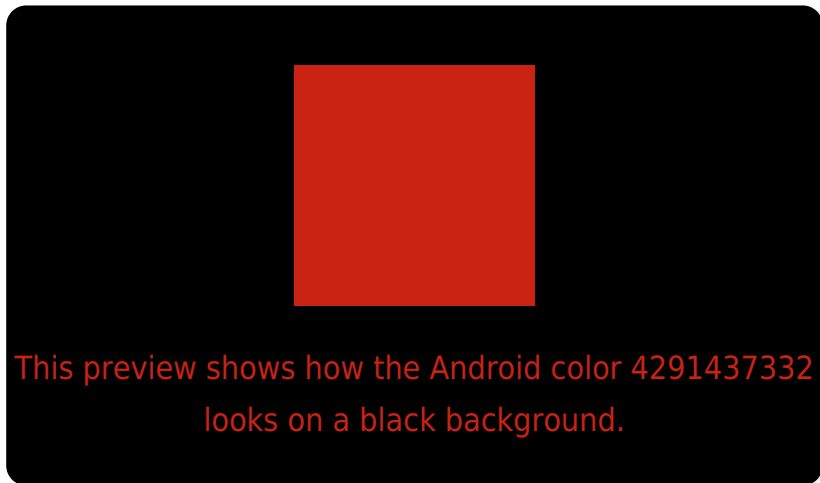
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291437332 Background



This preview shows how black text looks on a background with the Android color 4291437332.



This preview shows how white text looks on a background with the Android color 4291437332.

# 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



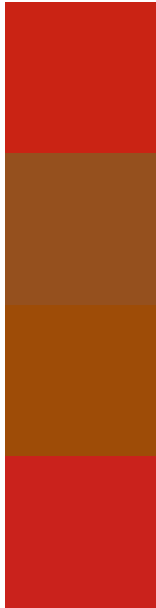
**Original Color**  
4291437332

**Protanopia**  
4285950244

**Deuteranopia**  
4286931968



# Trichromacy



**Original Color**  
4291437332

**Protanomaly**  
4287975454

**Deuteranomaly**  
4288564231

**Tritanomaly**  
4291437084

# Monochromacy



**Original Color**  
4291437332

**Achromatopsia**  
4283650899

**Achromatomaly**  
4286464572

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291437332 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, 35, 20)` looks like.

```
.text, #text, p{  
    color:rgb(202, 35, 20)  
}
```

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, 35, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 35, 20) }
```

## Border

The CSS property to change the border of an element to Android 4291437332 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, 35, 20) }
```

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

```
.border{ border-color:rgb(202, 35, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 35, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 35, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 35, 20);  
box-shadow:4px 4px 4px 4px rgb(202, 35,  
20) }
```

# Background

The CSS property to change the background color of an element to Android 4291437332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 35, 20) }
```

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

```
.background{ background-color: rgb(202, 35,  
20) }
```

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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