

# Converting Colors

Android(4291174452)

Have a look what the booklet for  
Android(4291174452) contains.

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# Color

**Android(4291174452)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C62034
RGB	198, 32, 52
RGB Percent	78%, 13%, 20%
CMY	0.2235, 0.8745, 0.7961
CMYK	0.00, 0.84, 0.74, 0.22
HSL	353°, 72%, 45%
HSV	353°, 84%, 78%
XYZ	24.4250, 13.2867, 4.5261
YIQ	83.9140, 92.5160, 41.4120

# Conversions

## Conversions Part 2

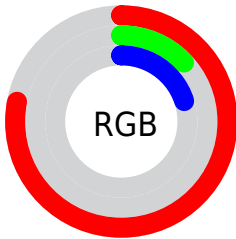
Format	Color
R <sub>Y</sub> B	198, 32, 52
Decimal	12984372
CIE Lab	43.19, 62.75, 32.77
CIE LCh	43, 70.790, 27.579
Yxy	13.2867, 0.5783, 0.3146
Android (android.graphics.Color)	4291174452 (0xFFC62034)
YUV	83.9140, -15.7336, 100.0534
Hunter-Lab	36.4510, 55.8201, 18.1537

# Details

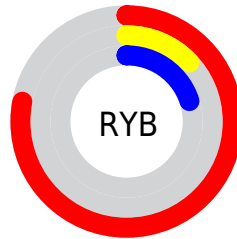
The Android color **4291174452** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **4280338098**, and the grayscale version is **4283716692**.

A 20% lighter version of the original color is **4294926435**, and **4287102985** is the 20% darker color. If you saturate the color by 10%, you get **4291169315**, and if you desaturate by 10%, it is **4291179589**.

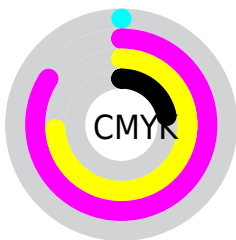
# Distribution



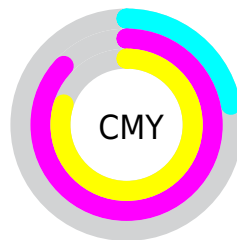
- Red (78%)
- Green (13%)
- Blue (20%)



- Red (78%)
- Yellow (13%)
- Blue (20%)



- Cyan (0%)
- Magenta (84%)
- Yellow (74%)
- Black (22%)




- Cyan (22%)
- Magenta (87%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291174452 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 4291174452 by changing the saturation by 10% instead.



 4291174452

 4291174452

4294967295

 4289134623

 4294926435

 4287102985


 4294933884

 4285071360

 4294941077

 4283105282


 4294948528


 4281139201

 4294955980


 4278190080

 4294963688

 4291174452

 4291174452

 4291169315

 4291179589

■ 4291166232

■ 4291184727

■ 4291189608

■ 4291194746

■ 4291199883

■ 4291205020

■ 4291210158

■ 4291215039

■ 4291220177

# Harmonies

## Analogous

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



4291232621



4291174452



4289480704

# Triad

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



4291174452



4278221343



4278218717

# Complementary

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



4291174452



4280338098

# 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.



4278221769



4291174452



4278222431

# Square

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



4291174452



4282872320



4278222747



4283455695

# Rectangle

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



4291174452



4287650560



4278222747



4278219994



# Sweetspot

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



4291174452



4294950855



4289732806



4286601566



4278190080



4286611584



# Same Dimension

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



4291174452



4294901791



4291190048



4284701275



4288872468



4280549380



# Inverse Universe

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



4291174452



4294901791



4280322502



4284701275



4288872468



4280549380



# Previews

## White Background



This preview shows how the Android color 4291174452 looks on a white background.

## Color Contrast Check

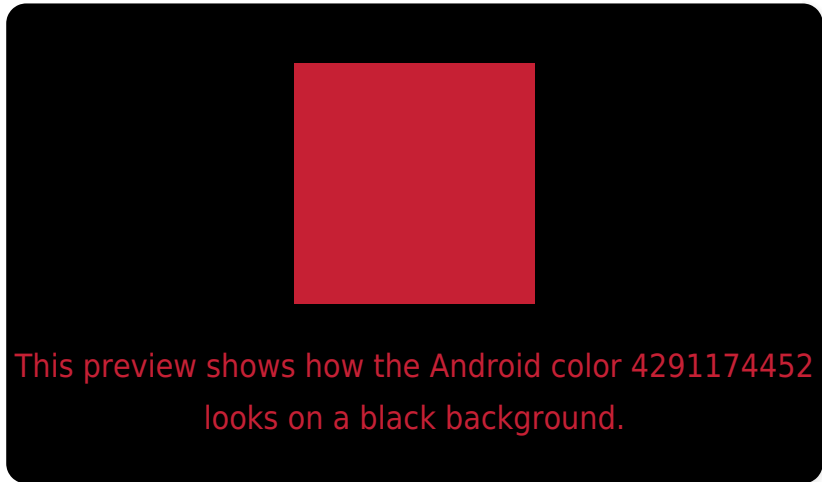
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291174452 Background



This preview shows how black text looks on a background with the Android color 4291174452.



This preview shows how white text looks on a background with the Android color 4291174452.

# 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**  
4291174452

**Protanopia**  
4285491019

**Deuteranopia**  
4286603818



# Trichromacy



**Original Color**

4291174452

**Protanomaly**

4287581507

**Deuteranomaly**

4288236078

**Tritanomaly**

4291175209

# Monochromacy



**Original Color**

4291174452

**Achromatopsia**

4283716692

**Achromatomaly**

4286398792

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291174452 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(198, 32, 52)` looks like.

```
.text, #text, p{  
    color:rgb(198, 32, 52)  
}
```

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(198, 32, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 32, 52) }
```

## Border

The CSS property to change the border of an element to Android 4291174452 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(198, 32, 52) }
```

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

```
.border{ border-color:rgb(198, 32, 52) }
```

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

Here you see how a box with a 4 pixel rgb(198, 32, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 32, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 32, 52);  
box-shadow:4px 4px 4px 4px rgb(198, 32,  
52) }
```

# Background

The CSS property to change the background color of an element to Android 4291174452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 32, 52) }
```

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

```
.background{ background-color: rgb(198, 32,  
52) }
```

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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