

# Converting Colors

Android(4291009058)

Have a look what the booklet for  
Android(4291009058) contains.

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# **Color**

**Android(4291009058)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C39A22
RGB	195, 154, 34
RGB Percent	76%, 60%, 13%
CMY	0.2353, 0.3961, 0.8667
CMYK	0.00, 0.21, 0.83, 0.24
HSL	45°, 70%, 45%
HSV	45°, 83%, 76%
XYZ	34.3500, 34.8288, 6.4256
YIQ	152.5790, 62.9560, -28.6280

# Conversions

## Conversions Part 2

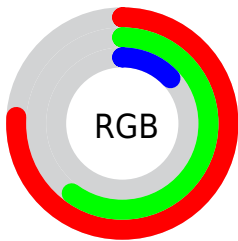
Format	Color
<a href="#">RYB</a>	<a href="#">89, 195, 34</a>
Decimal	<a href="#">12818978</a>
CIELab	<a href="#">65.62, 4.36, 62.85</a>
CIELCh	<a href="#">66, 63.001, 86.031</a>
Yxy	<a href="#">34.8288, 0.4543, 0.4607</a>
Android (android.graphics.Color)	<a href="#">4291009058 (0xFFC39A22)</a>
YUV	<a href="#">152.5790, -58.4594, 37.2032</a>
Hunter-Lab	<a href="#">59.0159, 0.6174, 34.8557</a>

# Details

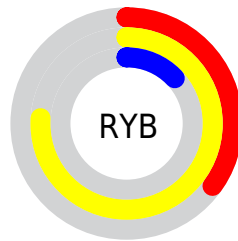
The Android color **4291009058** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **4280437699**, and the grayscale version is **4288256409**.

A 20% lighter version of the original color is **4294955099**, and **4287194880** is the 20% darker color. If you saturate the color by 10%, you get **4291007758**, and if you desaturate by 10%, it is **4291010357**.

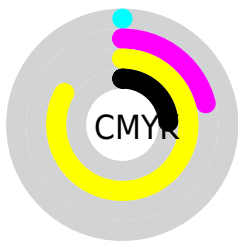
# Distribution



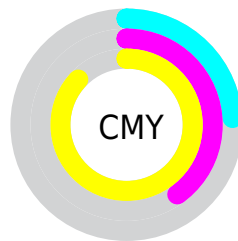
- Red (76%)
- Green (60%)
- Blue (13%)



- Red (35%)
- Yellow (76%)
- Blue (13%)



- Cyan (0%)
- Magenta (21%)
- Yellow (83%)
- Black (24%)



- Cyan (24%)
- Magenta (40%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291009058 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 4291009058 by changing the saturation by 10% instead.





4291009058



4291009058

4294967295



4289101824



4294955099



4287194880



4294962294



4285353984



4294967185



4283513088



4294967213



4281738240



4294967241



4280160000



4294967270



4278190080



4291009058



4291009058



4291007758



4291010357

■ 4291006720

■ 4291011657

■ 4291012956

■ 4291014256

■ 4291015556

■ 4291016855

■ 4291018155

■ 4291019454

■ 4291020753

# Harmonies

## Analogous

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



4293755969



4291009058



4287408943

# Triad

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



4291009058



4278237903



4292705247

# Complementary

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



4291009058



4280437699

# 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.



4287796479



4291009058



4278236668

# Square

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



4291009058



4278237846



4278233343



4294929065

# Rectangle

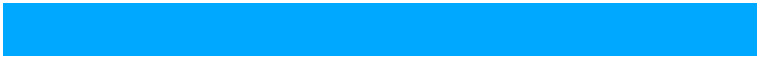
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4291009058



4284396108



4278233343



4291396590

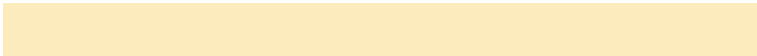


# Sweetspot

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



4291009058



4294765757



4290978381



4286608985



4278190080



4286611584



# Same Dimension

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



4291009058



4294753539



4288529186



4284571223



4288772096



4280359168



# Inverse Universe

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



4280437699



4278403836



4282917571



4283914849



4278200737

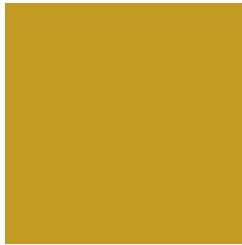


4278192161



# Previews

## White Background



This preview shows how the Android color 4291009058 looks on a white background.

## Color Contrast Check

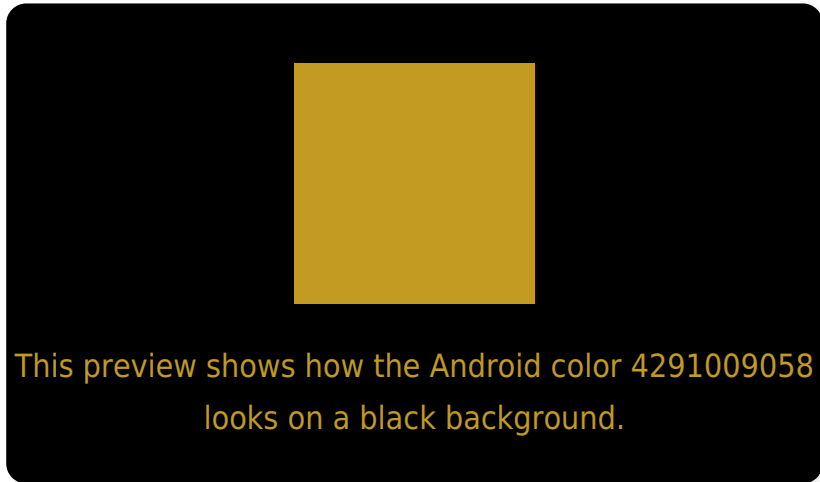
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291009058 Background



This preview shows how black text looks on a background with the Android color 4291009058.



This preview shows how white text looks on a background with the Android color 4291009058.

# 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**  
4291009058

**Protanopia**  
4289962020

**Deuteranopia**  
4291401507



**Tritanopia**  
4291530650

# Trichromacy



**Original Color**  
4291009058

**Protanomaly**  
4290354723

**Deuteranomaly**  
4291270691

**Tritanomaly**  
4291335022

# Monochromacy



**Original Color**  
4291009058

**Achromatopsia**  
4288256409

**Achromatomaly**  
4289239406

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291009058 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(195, 154, 34)` looks like.

```
.text, #text, p{  
    color:rgb(195, 154, 34)  
}
```

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(195, 154, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 154, 34) }
```

## Border

The CSS property to change the border of an element to Android 4291009058 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(195, 154, 34) }
```

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

```
.border{ border-color:rgb(195, 154, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 154, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 154, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 154, 34);  
box-shadow:4px 4px 4px 4px rgb(195, 154,  
34) }
```

# Background

The CSS property to change the background color of an element to Android 4291009058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 154, 34) }
```

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

```
.background{ background-color: rgb(195,  
154, 34) }
```

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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