

# Converting Colors

Android(4291404045)

Have a look what the booklet for  
Android(4291404045) contains.

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# **Color**

**Android(4291404045)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9A10D
RGB	201, 161, 13
RGB Percent	79%, 63%, 5%
CMY	0.2118, 0.3686, 0.9490
CMYK	0.00, 0.20, 0.94, 0.21
HSL	47°, 88%, 42%
HSV	47°, 94%, 79%
XYZ	36.9049, 37.9363, 5.7581
YIQ	156.0880, 71.3480, -37.5480

# Conversions

## Conversions Part 2

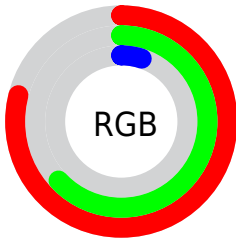
Format	Color
<a href="#">RYB</a>	<a href="#">64, 201, 13</a>
Decimal	<a href="#">13213965</a>
CIELab	<a href="#">67.97, 2.81, 69.71</a>
CIELCh	<a href="#">68, 69.768, 87.688</a>
Yxy	<a href="#">37.9363, 0.4579, 0.4707</a>
Android (android.graphics.Color)	<a href="#">4291404045 (0xFFC9A10D)</a>
YUV	<a href="#">156.0880, -70.5424, 39.3878</a>
Hunter-Lab	<a href="#">61.5925, -0.8333, 37.5719</a>

# Details

The Android color **4291404045** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **4279055817**, and the grayscale version is **4288519581**.

A 20% lighter version of the original color is **4294956880**, and **4287524352** is the 20% darker color. If you saturate the color by 10%, you get **4291403264**, and if you desaturate by 10%, it is **4291405089**.

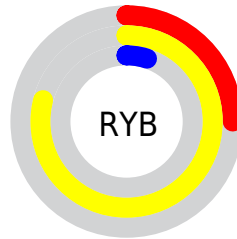
# Distribution



Red (79%)

Green (63%)

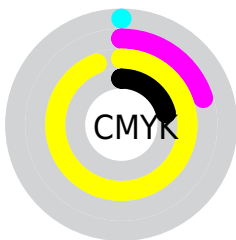
Blue (5%)



Red (25%)

Yellow (79%)

Blue (5%)

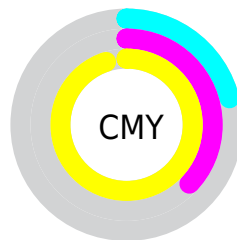


Cyan (0%)

Magenta (20%)

Yellow (94%)

Black (21%)



Cyan (21%)

Magenta (37%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291404045 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 4291404045 by changing the saturation by 10% instead.





4291404045



4291404045

4294967295



4289431296



4294956880



4287524352



4294964332



4285683200



4294967176



4283776768



4294967204



4282067200



4294967233



4280423680



4294967262



4278190080



4294967291



4291404045



4291404045

■ 4291403264

■ 4291405089

■ 4291406389

■ 4291407433

■ 4291408477

■ 4291409522

■ 4291410822

■ 4291411866

■ 4291412910

■ 4291413954

# Harmonies

## Analogous

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



4294477881



4291404045



4287345447

# Triad

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



4291404045



4278240223



4293753578

# Complementary

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



4291404045



4279055817

# 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.



4288452607



4291404045



4278238719

# Square

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



4291404045



4278240159



4278235135



4294928557

# Rectangle

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



4291404045



4283808587



4278235135



4292314363



# Sweetspot

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



4291404045



4294963384



4291366198



4286608980



4278190080



4286611584



# Same Dimension

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



4291404045



4294953216



4287940877



4284703066



4288905216



4280556544



# Inverse Universe

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



4279055817



4278204159



4282518985



4284111971



4278199203



4278192164



# Previews

## White Background



This preview shows how the Android color 4291404045 looks on a white background.

## Color Contrast Check

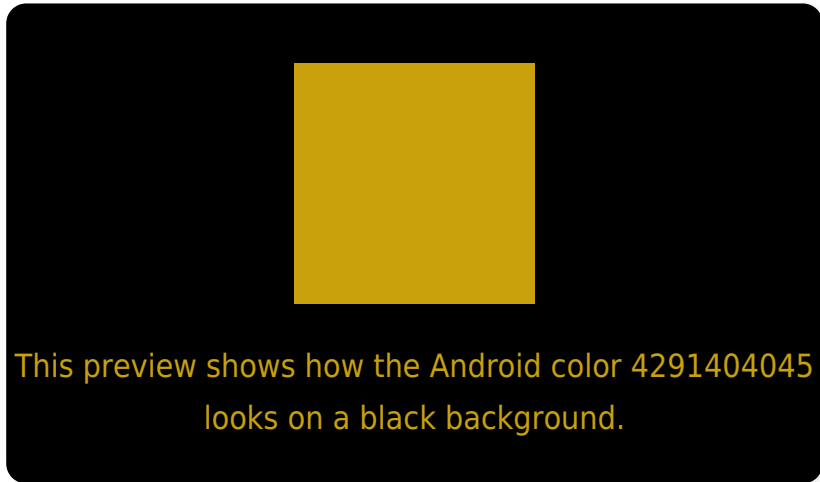
Large Text (above 18pt) WCAG AA × Fail

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 4291404045 Background



This preview shows how black text looks on a background with the Android color 4291404045.



This preview shows how white text looks on a background with the Android color 4291404045.

# 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**  
4291404045

**Protanopia**  
4290487824

**Deuteranopia**  
4291992850



**Tritanopia**  
4291925665

# Trichromacy



**Original Color**  
4291404045

**Protanomaly**  
4290814991

**Deuteranomaly**  
4291796496

**Tritanomaly**  
4291730027

# Monochromacy



**Original Color**  
4291404045

**Achromatopsia**  
4288453788

**Achromatomaly**  
4289502824

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291404045 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(201, 161, 13)` looks like.

```
.text, #text, p{  
    color:rgb(201, 161, 13)  
}
```

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(201, 161, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 161, 13) }
```

## Border

The CSS property to change the border of an element to Android 4291404045 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(201, 161, 13) }
```

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

```
.border{ border-color:rgb(201, 161, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 161, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 161, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 161, 13);  
box-shadow:4px 4px 4px 4px rgb(201, 161,  
13) }
```

# Background

The CSS property to change the background color of an element to Android 4291404045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 161, 13) }
```

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

```
.background{ background-color: rgb(201,  
161, 13) }
```

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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