

# Converting Colors

Android(4291731245)

Have a look what the booklet for  
Android(4291731245) contains.

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# **Color**

**Android(4291731245)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CE9F2D
RGB	206, 159, 45
RGB Percent	81%, 62%, 18%
CMY	0.1922, 0.3765, 0.8235
CMYK	0.00, 0.23, 0.78, 0.19
HSL	42°, 64%, 49%
HSV	42°, 78%, 81%
XYZ	38.3254, 38.1075, 7.8181
YIQ	160.0570, 64.6060, -25.4900

# Conversions

## Conversions Part 2

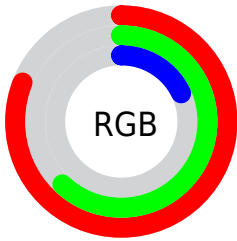
Format	Color
R <sub>Y</sub> B	111, 206, 45
Decimal	13541165
CIE Lab	68.10, 6.89, 61.87
CIE LCh	68, 62.255, 83.644
Yxy	38.1075, 0.4549, 0.4523
Android (android.graphics.Color)	4291731245 (0xFFCE9F2D)
YUV	160.0570, -56.7231, 40.2920
Hunter-Lab	61.7313, 2.7905, 35.7030

# Details

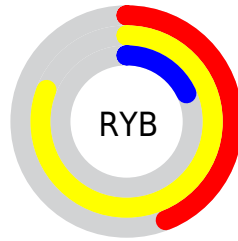
The Android color **4291731245** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **4281162958**, and the grayscale version is **4288782753**.

A 20% lighter version of the original color is **4294956388**, and **4287851520** is the 20% darker color. If you saturate the color by 10%, you get **4291729688**, and if you desaturate by 10%, it is **4291732802**.

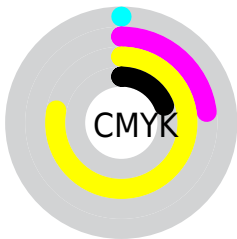
# Distribution



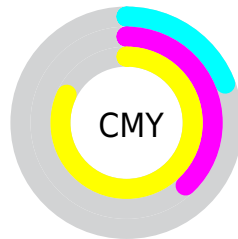
- Red (81%)
- Green (62%)
- Blue (18%)



- Red (44%)
- Yellow (81%)
- Blue (18%)



- Cyan (0%)
- Magenta (23%)
- Yellow (78%)
- Black (19%)



- Cyan (19%)
- Magenta (38%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291731245 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 4291731245 by changing the saturation by 10% instead.





4291731245



4291731245

4294967295



4289758473



4294956388



4287851520



4294963839



4286010368



4294967194



4284169472



4294967222



4282394624



4294967251



4280685568



4294967280



4278190080



4291731245



4291731245



4291729688



4291732802

■ 4291728132

■ 4291734358

■ 4291727872

■ 4291735915

■ 4291737471

■ 4291739028

■ 4291740585

■ 4291742141

■ 4291743698

■ 4291745254

# Harmonies

## Analogous

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



4294412620



4291731245



4288196662

# Triad

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



4291731245



4278239697



4292838633

# Complementary

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



4291731245



4281162958

# 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.



4287798527



4291731245



4278238463

# Square

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



4291731245



4278239384



4278235391



4294931380

# Rectangle

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



4291731245



4285315152



4278235391



4291464440

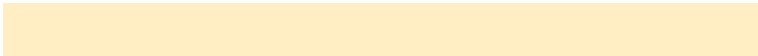


# Sweetspot

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



4291731245



4294962884



4291702109



4286608732



4278190080



4286611584



# Same Dimension

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



4291731245



4294949135



4289646125



4284900188



4289099008



4280687360



# Inverse Universe

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



4281162958



4279195135



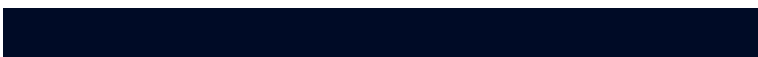
4283248078



4284243814



4278202534



4278192934



# Previews

## White Background



This preview shows how the Android color 4291731245 looks on a white background.

## Color Contrast Check

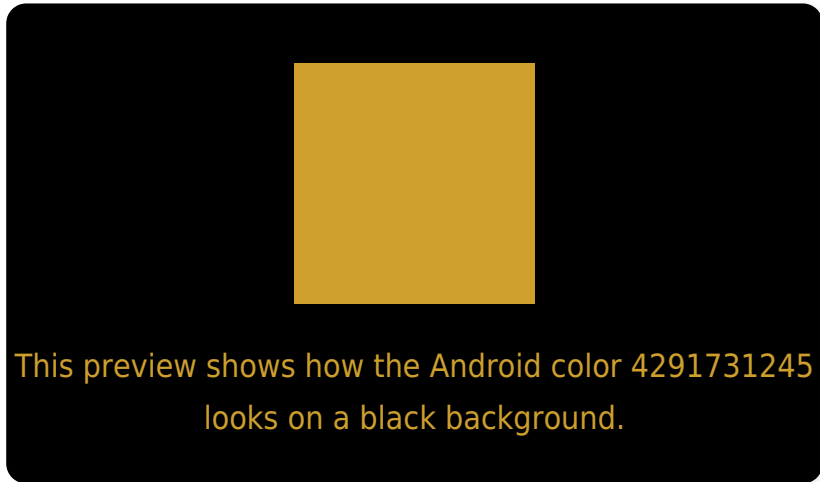
Large Text (above 18pt) WCAG AA × Fail

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 4291731245 Background



This preview shows how black text looks on a background with the Android color 4291731245.



This preview shows how white text looks on a background with the Android color 4291731245.

# 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**  
4291731245

**Protanopia**  
4290488111

**Deuteranopia**  
4291927598



**Tritanopia**  
4292187296

# Trichromacy



**Original Color**  
4291731245

**Protanomaly**  
4290946094

**Deuteranomaly**  
4291862062

**Tritanomaly**  
4291991670

# Monochromacy



**Original Color**  
4291731245

**Achromatopsia**  
4288716960

**Achromatomaly**  
4289831030

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291731245 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(206, 159, 45)` looks like.

```
.text, #text, p{  
    color:rgb(206, 159, 45)  
}
```

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(206, 159, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 159, 45) }
```

## Border

The CSS property to change the border of an element to Android 4291731245 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(206, 159, 45) }
```

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

```
.border{ border-color:rgb(206, 159, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 159, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 159, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 159, 45);  
box-shadow:4px 4px 4px 4px rgb(206, 159,  
45) }
```

# Background

The CSS property to change the background color of an element to Android 4291731245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 159, 45) }
```

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

```
.background{ background-color: rgb(206,  
159, 45) }
```

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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