

# Converting Colors

Android(4291799407)

Have a look what the booklet for  
Android(4291799407) contains.

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# **Color**

**Android(4291799407)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CFA96F
RGB	207, 169, 111
RGB Percent	81%, 66%, 44%
CMY	0.1882, 0.3373, 0.5647
CMYK	0.00, 0.18, 0.46, 0.19
HSL	36°, 50%, 62%
HSV	36°, 46%, 81%
XYZ	42.7893, 42.7890, 21.0428
YIQ	173.7500, 41.2660, -9.9820

# Conversions

## Conversions Part 2

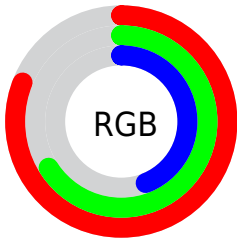
Format	Color
<b>RYB</b>	174, 207, 111
Decimal	13609327
CIELab	71.41, 6.44, 35.08
CIELCh	71, 35.663, 79.604
Yxy	42.7890, 0.4013, 0.4013
Android (android.graphics.Color)	4291799407 (0xFFCFA96F)
YUV	173.7500, -30.9357, 29.1603
Hunter-Lab	65.4133, 2.2903, 26.7163

# Details

The Android color **4291799407** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **4285502927**, and the grayscale version is **4289638062**.

A 20% lighter version of the original color is **4294959267**, and **4288116030** is the 20% darker color. If you saturate the color by 10%, you get **4291797338**, and if you desaturate by 10%, it is **4291801476**.

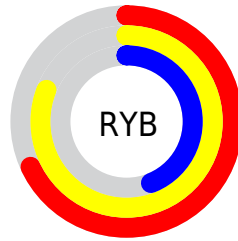
# Distribution



Red (81%)

Green (66%)

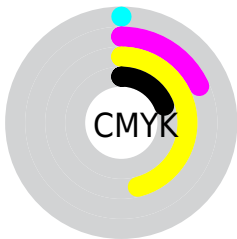
Blue (44%)



Red (68%)

Yellow (81%)

Blue (44%)

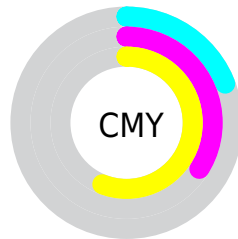


Cyan (0%)

Magenta (18%)

Yellow (46%)

Black (19%)



Cyan (19%)

Magenta (34%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291799407 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 4291799407 by changing the saturation by 10% instead.





4291799407



4291799407

4294967295



4289892182



4294959267



4288116030



4294966719



4286274854



4294967259



4284564751



4294967288



4282920704



4281211392



4279566336



4278190080



4291799407



4291799407

■ 4291797338

■ 4291801476

■ 4291795270

■ 4291803544

■ 4291792945

■ 4291805869

■ 4291790876

■ 4291807938

■ 4291788807

■ 4291810006

■ 4291788032

■ 4291812075

■ 4291814143

■ 4291816447

■ 4291818495

# Harmonies

## Analogous

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



4293303935



4291799407



4289705073

# Triad

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



4291799407



4282237124



4291665881

# Complementary

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



4291799407



4285502927

# 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.



4288916460



4291799407



4282367455

# Square

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



4291799407



4284661922



4285511150



4293367740

# Rectangle

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



4291799407



4288133500



4285511150



4290814945



# Sweetspot

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



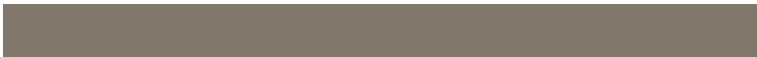
4291799407



4294963675



4291784597



4286609258



4278190080



4286611584



# Same Dimension

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



4291799407



4294952560



4291153775



4285097054



4289226240



4280883456

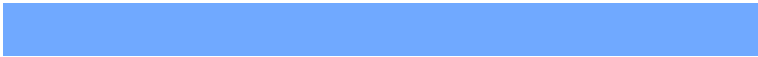


# Inverse Universe

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



4285502927



4285573631



4286148559



4284375657



4278207400

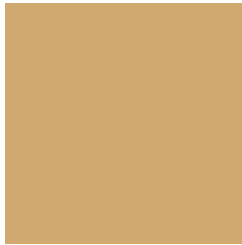


4278194217



# Previews

## White Background



This preview shows how the Android color 4291799407 looks on a white background.

## Color Contrast Check

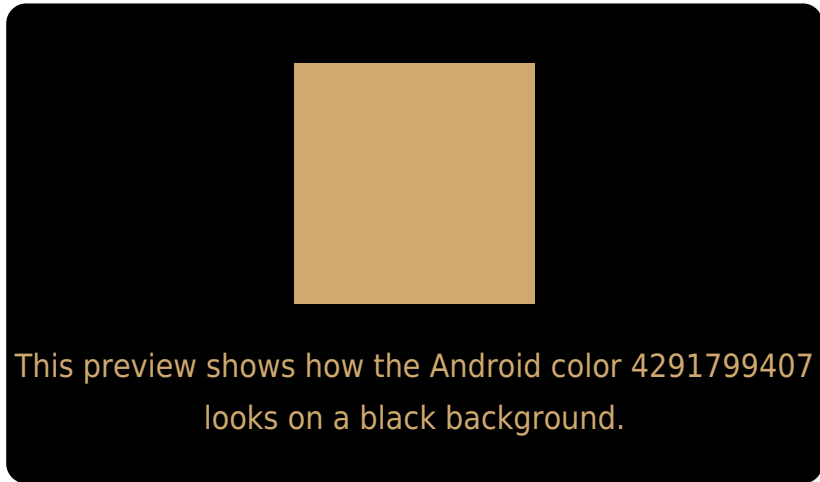
Large Text (above 18pt) WCAG AA × Fail

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 4291799407 Background



This preview shows how black text looks on a background with the Android color 4291799407.

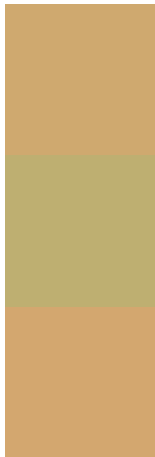


This preview shows how white text looks on a background with the Android color 4291799407.

# 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**  
4291799407

**Protanopia**  
4290686833

**Deuteranopia**  
4292061039



**Tritanopia**  
4292190638

# Trichromacy



**Original Color**  
4291799407

**Protanomaly**  
4291079536

**Deuteranomaly**  
4291995759

**Tritanomaly**  
4292060311

# Monochromacy



**Original Color**  
4291799407

**Achromatopsia**  
4289638062

**Achromatomaly**  
4290423959

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291799407 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(207, 169, 111)` looks like.

```
.text, #text, p{  
    color:rgb(207, 169, 111)  
}
```

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(207, 169, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 169, 111) }
```

## Border

The CSS property to change the border of an element to Android 4291799407 is called "border". The border property can be set on classes, ids or directly on the HTML element.

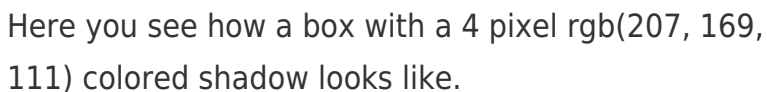
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 169, 111) }
```

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

```
.border{ border-color:rgb(207, 169, 111) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 169, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 169, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 169, 111);  
box-shadow:4px 4px 4px 4px rgb(207, 169,  
111) }
```

# Background

The CSS property to change the background color of an element to Android 4291799407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 169, 111) }
```

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

```
.background{ background-color: rgb(207,  
169, 111) }
```

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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