

# Converting Colors

Android(4291729255)

Have a look what the booklet for  
Android(4291729255) contains.

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# **Color**

**Android(4291729255)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE9767
RGB	206, 151, 103
RGB Percent	81%, 59%, 40%
CMY	0.1922, 0.4078, 0.5961
CMYK	0.00, 0.27, 0.50, 0.19
HSL	28°, 51%, 61%
HSV	28°, 50%, 81%
XYZ	38.9684, 36.2343, 17.7720
YIQ	161.9730, 48.1880, -3.2680

# Conversions

## Conversions Part 2

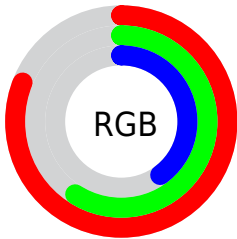
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 193, 103
Decimal	13539175
CIE <sub>Lab</sub>	66.70, 14.99, 33.28
CIE <sub>LCh</sub>	67, 36.501, 65.760
Yxy	36.2343, 0.4191, 0.3897
Android (android.graphics.Color)	4291729255 (0xFFCE9767)
YUV	161.9730, -29.0737, 38.6117
Hunter-Lab	60.1949, 10.2144, 24.6316

# Details

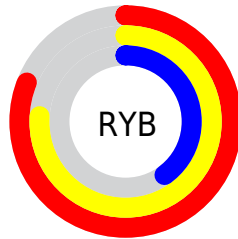
The Android color **4291729255** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **4284980942**, and the grayscale version is **4288848546**.

A 20% lighter version of the original color is **4294954395**, and **4287980599** is the 20% darker color. If you saturate the color by 10%, you get **4291726418**, and if you desaturate by 10%, it is **4291732092**.

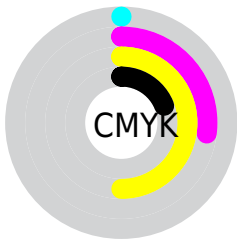
# Distribution



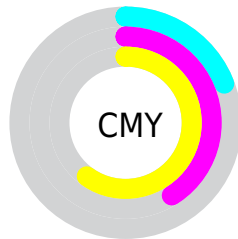
- Red (81%)
- Green (59%)
- Blue (40%)



- Red (81%)
- Yellow (76%)
- Blue (40%)



- Cyan (0%)
- Magenta (27%)
- Yellow (50%)
- Black (19%)



- Cyan (19%)
- Magenta (41%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291729255 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 4291729255 by changing the saturation by 10% instead.





4291729255



4291729255

4294967295



4289822030



4294954395



4287980599



4294961590



4286139424



4294967250



4284364041



4294967278



4282720256



4281010944



4278321152



4278190080



4291729255



4291729255

4291726418

4291732092

4291723582

4291734928

4291720745

4291737765

4291717909

4291740601

4291715072

4291743438

4291746275

4291749111

4291751935

4291754751

# Harmonies

## Analogous

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



4292840830



4291729255



4289897056

# Triad

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



4291729255



4281906344



4289632216

# Complementary

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



4291729255



4284980942

# 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.



4286424035



4291729255



4279153352

# Square

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



4291729255



4284920454



4282559965



4291923390

# Rectangle

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



4291729255



4288391526



4282559965



4288650205

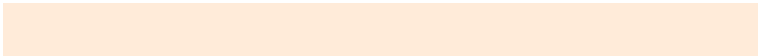


# Sweetspot

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



4291729255



4294962137



4291717024



4286608233



4278190080



4286611584



# Same Dimension

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



4291729255



4294946150



4291742055



4284899676



4289088768



4280685056

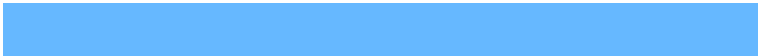


# Inverse Universe

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



4284980942



4284922111



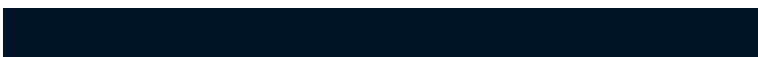
4284968142



4284244326



4278213030



4278195238



# Previews

## White Background



This preview shows how the Android color 4291729255 looks on a white background.

## Color Contrast Check

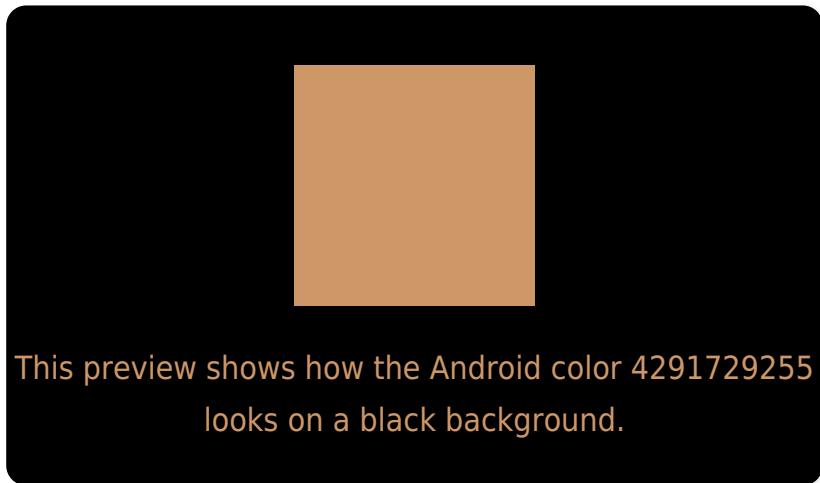
Large Text (above 18pt) WCAG AA × Fail

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

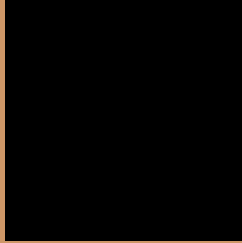
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291729255 Background



This preview shows how black text looks on a background with the Android color 4291729255.



This preview shows how white text looks on a background with the Android color 4291729255.

# 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**  
4291729255

**Protanopia**  
4289766252

**Deuteranopia**  
4291074918



**Tritanopia**  
4291989659

# Trichromacy



**Original Color**  
4291729255

**Protanomaly**  
4290486122

**Deuteranomaly**  
4291336806

**Tritanomaly**  
4291924872

# Monochromacy



**Original Color**  
4291729255

**Achromatopsia**  
4288848546

**Achromatomaly**  
4289896077

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291729255 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, 151, 103)` looks like.

```
.text, #text, p{  
    color:rgb(206, 151, 103)  
}
```

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, 151, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 151, 103) }
```

## Border

The CSS property to change the border of an element to Android 4291729255 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, 151, 103) }
```

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

```
.border{ border-color:rgb(206, 151, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 151, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 151, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 151, 103);  
box-shadow:4px 4px 4px 4px rgb(206, 151,  
103) }
```

# Background

The CSS property to change the background color of an element to Android 4291729255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 151, 103) }
```

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

```
.background{ background-color: rgb(206,  
151, 103) }
```

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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