

# Converting Colors

Android(4291406434)

Have a look what the booklet for  
Android(4291406434) contains.

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# **Color**

**Android(4291406434)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9AA62
RGB	201, 170, 98
RGB Percent	79%, 67%, 38%
CMY	0.2118, 0.3333, 0.6157
CMYK	0.00, 0.15, 0.51, 0.21
HSL	42°, 49%, 59%
HSV	42°, 51%, 79%
XYZ	40.6667, 42.0488, 17.5281
YIQ	171.0610, 41.5880, -15.8200

# Conversions

## Conversions Part 2

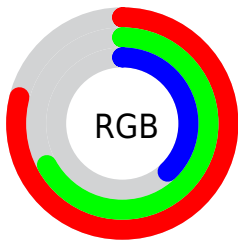
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 201, 98
Decimal	13216354
CIELab	70.90, 2.18, 41.04
CIELCh	71, 41.095, 86.965
Yxy	42.0488, 0.4057, 0.4195
Android (android.graphics.Color)	4291406434 (0xFFC9AA62)
YUV	171.0610, -36.0191, 26.2565
Hunter-Lab	64.8450, -1.5349, 29.3650

# Details

The Android color **4291406434** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **4284645833**, and the grayscale version is **4289440683**.

A 20% lighter version of the original color is **4294959510**, and **4287723057** is the 20% darker color. If you saturate the color by 10%, you get **4291404878**, and if you desaturate by 10%, it is **4291407990**.

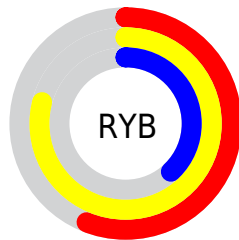
# Distribution



Red (79%)

Green (67%)

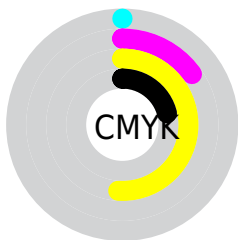
Blue (38%)



Red (56%)

Yellow (79%)

Blue (38%)

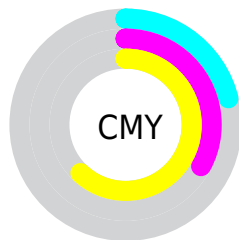


Cyan (0%)

Magenta (15%)

Yellow (51%)

Black (21%)



Cyan (21%)

Magenta (33%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291406434 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 4291406434 by changing the saturation by 10% instead.





4291406434



4291406434

4294967295



4289564745



4294959510



4287723057



4294966961



4285881880



4294967245



4284171776



4294967274



4282527744



4280818432



4278911232



4278190080



4291406434



4291406434

■ 4291404878

■ 4291407990

■ 4291403322

■ 4291409546

■ 4291401766

■ 4291411102

■ 4291400210

■ 4291412658

■ 4291398912

■ 4291414215

■ 4291415771

■ 4291417327

■ 4291418879

■ 4291420415

# Harmonies

## Analogous

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



4293303664



4291406434



4288918889

# Triad

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



4291406434



4278239694



4292450519

# Complementary

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



4291406434



4284645833

# 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.



4289504752



4291406434



4279287019

# Square

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



4291406434



4282368424



4285444856



4294086835

# Rectangle

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



4291406434



4287019897



4285444856



4291599585

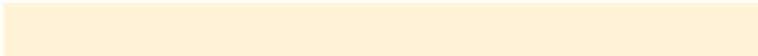


# Sweetspot

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



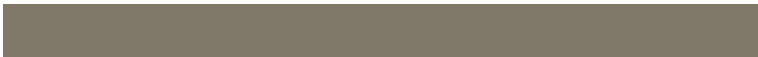
4291406434



4294964185



4291388035



4286609769



4278190080



4286611584



# Same Dimension

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



4291406434



4294955107



4290169186



4284702810



4288901632



4280555776



# Inverse Universe

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



4284645833



4284715775



4285883081



4284111971



4278202787



4278192932



# Previews

## White Background



This preview shows how the Android color 4291406434 looks on a white background.

## Color Contrast Check

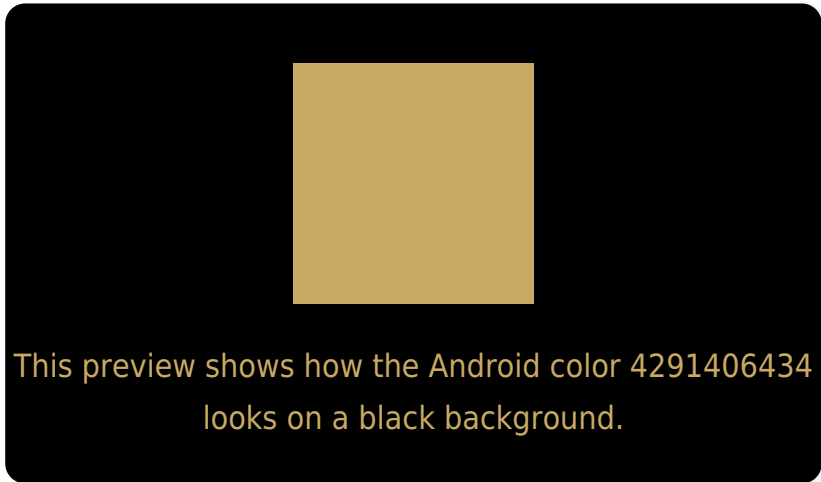
Large Text (above 18pt) WCAG AA × Fail

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 4291406434 Background



This preview shows how black text looks on a background with the Android color 4291406434.



This preview shows how white text looks on a background with the Android color 4291406434.

# 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**  
4291406434

**Protanopia**  
4290752099

**Deuteranopia**  
4292126307



**Tritanopia**  
4291862958

# Trichromacy



**Original Color**  
4291406434

**Protanomaly**  
4291013987

**Deuteranomaly**  
4291864419

**Tritanomaly**  
4291667090

# Monochromacy



**Original Color**  
4291406434

**Achromatopsia**  
4289440683

**Achromatomaly**  
4290161552

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291406434 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, 170, 98)` looks like.

```
.text, #text, p{  
    color:rgb(201, 170, 98)  
}
```

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, 170, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 170, 98) }
```

## Border

The CSS property to change the border of an element to Android 4291406434 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, 170, 98) }
```

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

```
.border{ border-color:rgb(201, 170, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 170, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 170, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 170, 98);  
box-shadow:4px 4px 4px 4px rgb(201, 170,  
98) }
```

# Background

The CSS property to change the background color of an element to Android 4291406434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 170, 98) }
```

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

```
.background{ background-color: rgb(201,  
170, 98) }
```

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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