

# Converting Colors

Android(4291469942)

Have a look what the booklet for  
Android(4291469942) contains.

<b>Android(4291469942)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4291469942)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAA276
RGB	202, 162, 118
RGB Percent	79%, 64%, 46%
CMY	0.2078, 0.3647, 0.5373
CMYK	0.00, 0.20, 0.42, 0.21
HSL	31°, 44%, 63%
HSV	31°, 42%, 79%
XYZ	40.5475, 39.7052, 22.6663
YIQ	168.9440, 37.9640, -5.2040

# Conversions

## Conversions Part 2

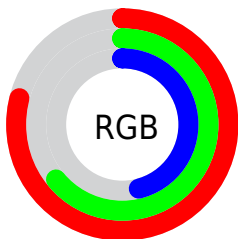
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 202, 118
Decimal	13279862
CIELab	69.26, 8.90, 28.47
CIELCh	69, 29.825, 72.638
Yxy	39.7052, 0.3940, 0.3858
Android (android.graphics.Color)	4291469942 (0xFFCAA276)
YUV	168.9440, -25.1154, 28.9901
Hunter-Lab	63.0121, 4.5913, 22.7810

# Details

The Android color `4291469942` is a light color, and the websafe version is hex `CC9966`. A complement of this color would be `4285963978`, and the grayscale version is `4289309097`.

A 20% lighter version of the original color is `4294957483`, and `4287786565` is the 20% darker color. If you saturate the color by 10%, you get `4291467362`, and if you desaturate by 10%, it is `4291472522`.

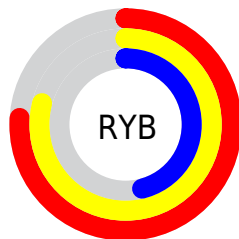
# Distribution



Red (79%)

Green (64%)

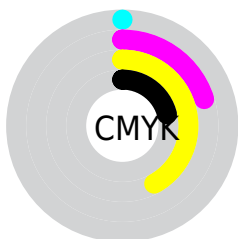
Blue (46%)



Red (76%)

Yellow (79%)

Blue (46%)

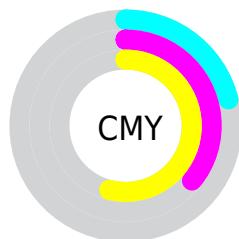


Cyan (0%)

Magenta (20%)

Yellow (42%)

Black (21%)



Cyan (21%)

Magenta (36%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291469942 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 4291469942 by changing the saturation by 10% instead.





4291469942



4291469942

4294967295



4289628253



4294957483



4287786565



4294964678



4286010926



4294967266



4284301080



4282657024



4281013504



4279107584



4278190080



4291469942



4291469942

 4291467362

 4291472522

 4291465038

 4291474846

 4291462457

 4291477427

 4291460133

 4291479751

 4291457553

 4291482331

 4291455488

 4291484911

 4291487231

 4291489791

 4291492351

# Harmonies

## Analogous

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



4292582022



4291469942



4289833844

# Triad

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



4291469942



4284070068



4290485969

# Complementary

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



4291469942



4285963978

# 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.



4288129246



4291469942



4283741901

# Square

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



4291469942



4285773720



4285509852



4292188090

# Rectangle

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



4291469942



4288524411



4285509852



4289765847

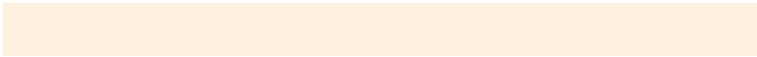


# Sweetspot

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



4291469942



4294963424



4291458719



4286609262



4278190080



4286611584



# Same Dimension

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



4291469942



4294951552



4291414646



4284899676



4289091328



4280685568

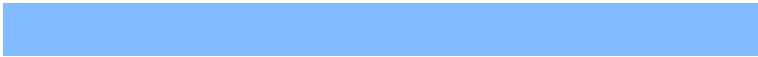


# Inverse Universe

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



4285963978



4286627071



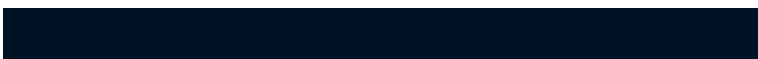
4286019274



4284244326



4278210470

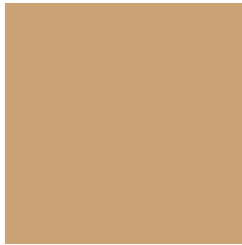


4278194726



# Previews

## White Background



This preview shows how the Android color 4291469942 looks on a white background.

## Color Contrast Check

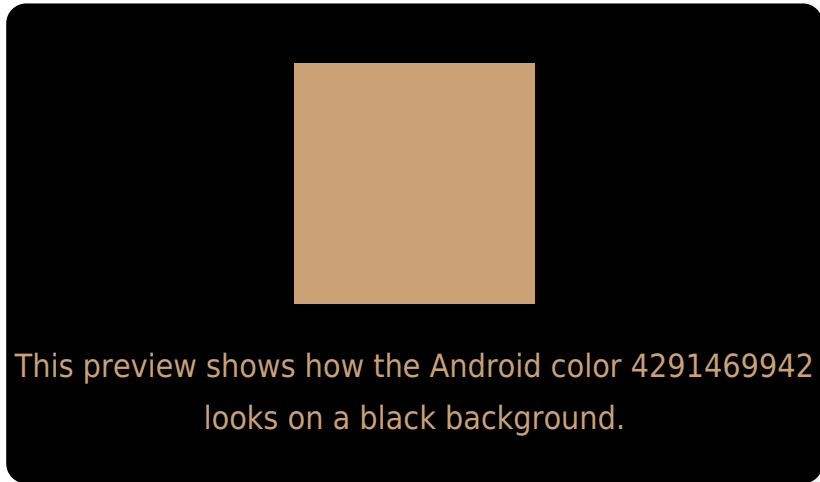
Large Text (above 18pt) WCAG AA × Fail

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

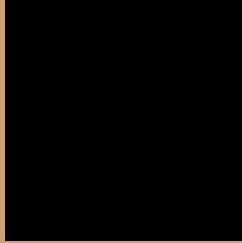
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291469942 Background



This preview shows how black text looks on a background with the Android color 4291469942.




This preview shows how white text looks on a background with the Android color 4291469942.

# 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](#).

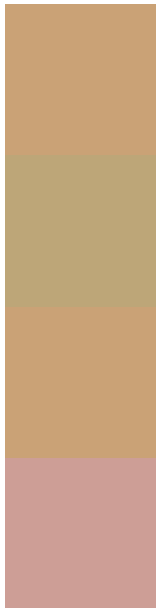
## Dichromacy





**Tritanopia**  
4291796136

# Trichromacy



**Original Color**  
4291469942

**Protanomaly**  
4290619000

**Deuteranomaly**  
4291469942

**Tritanomaly**  
4291665558

# Monochromacy



**Original Color**  
4291469942

**Achromatopsia**  
4289309097

**Achromatomaly**  
4290094742

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291469942 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(202, 162, 118)` looks like.

```
.text, #text, p{  
    color:rgb(202, 162, 118)  
}
```

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(202, 162, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 162, 118) }
```

## Border

The CSS property to change the border of an element to Android 4291469942 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(202, 162, 118) }
```

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

```
.border{ border-color:rgb(202, 162, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 162, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 162, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 162, 118);  
box-shadow:4px 4px 4px 4px rgb(202, 162,  
118) }
```

# Background

The CSS property to change the background color of an element to Android 4291469942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 162, 118) }
```

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

```
.background{ background-color: rgb(202,  
162, 118) }
```

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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