

# Converting Colors

Android(4291472778)

Have a look what the booklet for  
Android(4291472778) contains.

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# **Color**

**Android(4291472778)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CAAD8A
RGB	202, 173, 138
RGB Percent	79%, 68%, 54%
CMY	0.2078, 0.3216, 0.4588
CMYK	0.00, 0.14, 0.32, 0.21
HSL	33°, 38%, 67%
HSV	33°, 32%, 79%
XYZ	43.8881, 44.2787, 30.2782
YIQ	177.6810, 28.5190, -4.7370

# Conversions

## Conversions Part 2

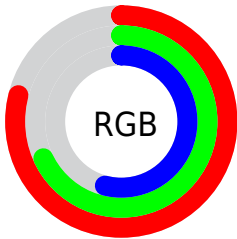
Format	Color
<a href="#">RYB</a>	<a href="#">191, 202, 138</a>
Decimal	<a href="#">13282698</a>
CIELab	<a href="#">72.41, 5.37, 21.90</a>
CIELCh	<a href="#">72, 22.543, 76.232</a>
Yxy	<a href="#">44.2787, 0.3705, 0.3738</a>
Android (android.graphics.Color)	<a href="#">4291472778</a> ( <a href="#">0xFFCAAD8A</a> )
YUV	<a href="#">177.6810, -19.5627, 21.3278</a>
Hunter-Lab	<a href="#">66.5422, 1.2814, 19.6012</a>

# Details

The Android color `4291472778` is a light color, and the websafe version is hex `CC9966`. A complement of this color would be `4287277002`, and the grayscale version is `4289901234`.

A 20% lighter version of the original color is `4294960320`, and `4287854936` is the 20% darker color. If you saturate the color by 10%, you get `4291470454`, and if you desaturate by 10%, it is `4291475102`.

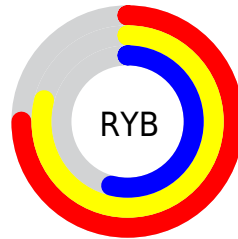
# Distribution



Red (79%)

Green (68%)

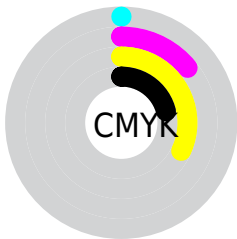
Blue (54%)



Red (75%)

Yellow (79%)

Blue (54%)

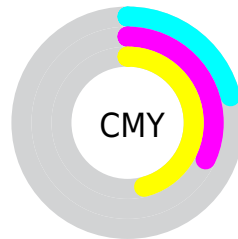


Cyan (0%)

Magenta (14%)

Yellow (32%)

Black (21%)



Cyan (21%)

Magenta (32%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291472778 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 4291472778 by changing the saturation by 10% instead.





4291472778



4291472778

4294967295



4289630832



4294960320



4287854936



4294967260



4286079040



4294967288



4284434474



4282790421



4281277696



4279698432




4278190080



4291472778



4291472778

 4291470454

 4291475102

 4291468130

 4291477426

 4291465805

 4291479751

 4291463225

 4291482331

 4291460901

 4291484655

 4291458577

 4291486975

 4291456512

 4291489279

 4291491583

 4291493887

# Harmonies

## Analogous

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



4292388757



4291472778



4290098314

# Triad

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



4291472778



4286168508



4291013070

# Complementary

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



4291472778



4287277002

# 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.



4289245401



4291472778



4286299087

# Square

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



4291472778



4287151527



4287477465



4292191420

# Rectangle

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



4291472778



4289116304



4287477465



4290489299

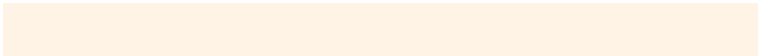


# Sweetspot

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



4291472778



4294964198



4291463848



4286609776



4278190080



4286611584



# Same Dimension

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



4291472778



4294955934



4291349130



4284899676



4289092352



4280685824

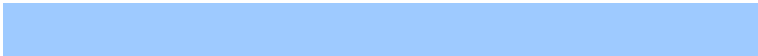


# Inverse Universe

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



4287277002



4288596735



4287400650



4284244070



4278209446

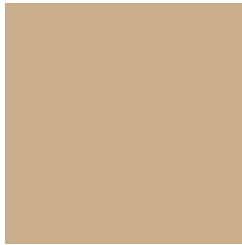


4278194470



# Previews

## White Background



This preview shows how the Android color 4291472778 looks on a white background.

## Color Contrast Check

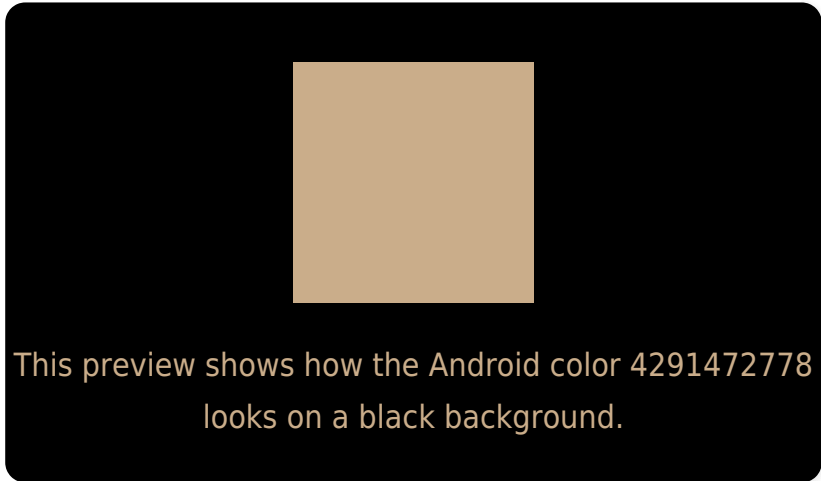
Large Text (above 18pt) WCAG AA × Fail

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

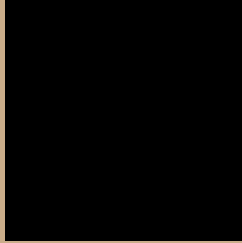
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291472778 Background



This preview shows how black text looks on a background with the Android color 4291472778.

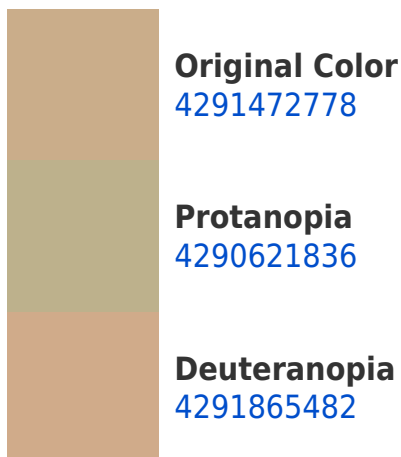



This preview shows how white text looks on a background with the Android color 4291472778.

# 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](#).

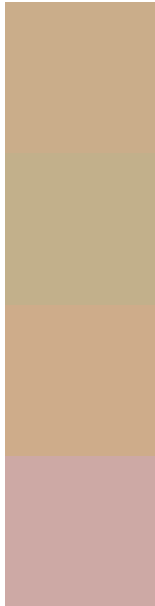
## Dichromacy





**Tritanopia**  
4291798964

# Trichromacy



**Original Color**  
4291472778

**Protanomaly**  
4290949259

**Deuteranomaly**  
4291734666

**Tritanomaly**  
4291668389

# Monochromacy



**Original Color**  
4291472778

**Achromatopsia**  
4289901234

**Achromatomaly**  
4290490531

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291472778 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, 173, 138)` looks like.

```
.text, #text, p{  
    color:rgb(202, 173, 138)  
}
```

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, 173, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 173, 138) }
```

## Border

The CSS property to change the border of an element to Android 4291472778 is called "border". The border property can be set on classes, ids or directly on the HTML element.

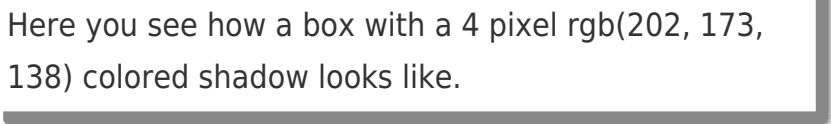
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 173, 138) }
```

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

```
.border{ border-color:rgb(202, 173, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(202, 173, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 173, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 173, 138); box-shadow:4px 4px 4px 4px rgb(202, 173, 138) }
```

# Background

The CSS property to change the background color of an element to Android 4291472778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 173, 138) }
```

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

```
.background{ background-color: rgb(202,  
173, 138) }
```

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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