

# Converting Colors

Android(4291472525)

Have a look what the booklet for  
Android(4291472525) contains.

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# **Color**

**Android(4291472525)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAAC8D
RGB	202, 172, 141
RGB Percent	79%, 67%, 55%
CMY	0.2078, 0.3255, 0.4471
CMYK	0.00, 0.15, 0.30, 0.21
HSL	30°, 37%, 67%
HSV	30°, 30%, 79%
XYZ	43.9174, 43.9847, 31.3745
YIQ	177.4360, 27.8310, -3.2810

# Conversions

## Conversions Part 2

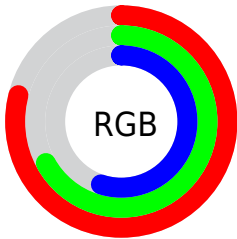
Format	Color
R <sub>Y</sub> B	200, 202, 141
Decimal	13282445
CIE Lab	72.22, 6.30, 20.00
CIE LCh	72, 20.968, 72.526
Yxy	43.9847, 0.3682, 0.3688
Android (android.graphics.Color)	4291472525 (0xFFCAAC8D)
YUV	177.4360, -17.9629, 21.5426
Hunter-Lab	66.3210, 2.1400, 18.3763

# Details

The Android color `4291472525` is a light color, and the websafe version is hex `CC9966`. A complement of this color would be `4287474634`, and the grayscale version is `4289901234`.

A 20% lighter version of the original color is `4294960067`, and `4287854683` is the 20% darker color. If you saturate the color by 10%, you get `4291469945`, and if you desaturate by 10%, it is `4291475105`.

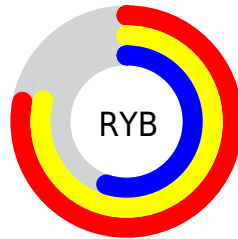
# Distribution



Red (79%)

Green (67%)

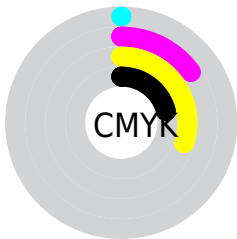
Blue (55%)



Red (78%)

Yellow (79%)

Blue (55%)

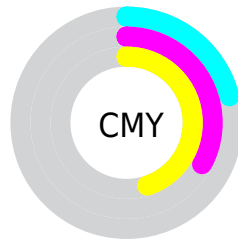


Cyan (0%)

Magenta (15%)

Yellow (30%)

Black (21%)



Cyan (21%)

Magenta (33%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291472525 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 4291472525 by changing the saturation by 10% instead.





4291472525



4291472525

4294967295



4289630579



4294960067



4287854683



4294967263



4286144323



4294967291



4284434220



4282790167



4281342976



4279698176



4278190080



4291472525



4291472525

 4291469945

 4291475105

 4291467365

 4291477685

 4291464784

 4291480266

 4291462204

 4291482846

 4291459624

 4291485426

 4291457044

 4291487999

 4291454720

 4291490559

 4291492863

 4291493887

# Harmonies

## Analogous

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



[4292257432](#)



[4291472525](#)



[4290228876](#)

# Triad

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



4291472525



4286561465



4290685645

# Complementary

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



4291472525



4287474634

# 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.



4289114326



4291472525



4286495434

# Square

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



4291472525



4287478693



4287477461



4291863997

# Rectangle

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



4291472525



4289312400



4287477461



4290161873

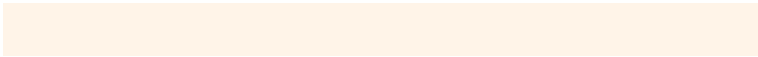


# Sweetspot

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



4291472525



4294964456



4291464620



4286609777



4278190080



4286611584



# Same Dimension

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



4291472525



4294955683



4291480205



4284899676



4289090560



4280685312

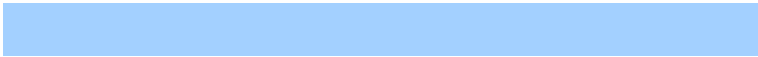


# Inverse Universe

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



4287474634



4288925951



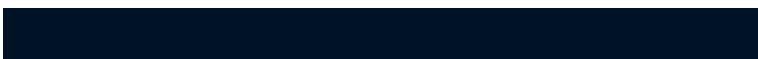
4287466954



4284244326



4278211238

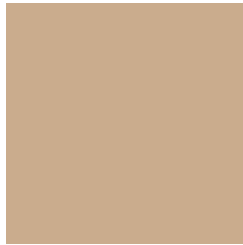


4278194982



# Previews

## White Background



This preview shows how the Android color 4291472525 looks on a white background.

## Color Contrast Check

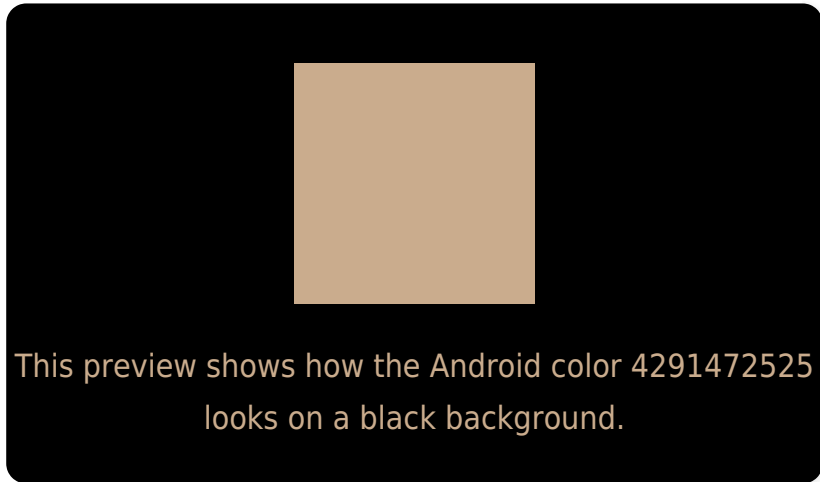
Large Text (above 18pt) WCAG AA × Fail

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

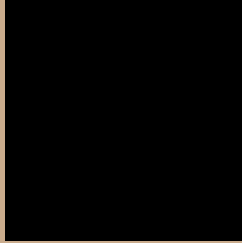
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291472525 Background



This preview shows how black text looks on a background with the Android color 4291472525.



This preview shows how white text looks on a background with the Android color 4291472525.

# 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**  
4291472525

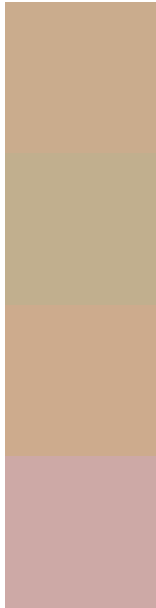
**Protanopia**  
4290556303

**Deuteranopia**  
4291799693



**Tritanopia**  
4291733428

# Trichromacy



**Original Color**  
4291472525

**Protanomaly**  
4290883470

**Deuteranomaly**  
4291668877

**Tritanomaly**  
4291668390

# Monochromacy



**Original Color**  
4291472525

**Achromatopsia**  
4289835441

**Achromatomaly**  
4290424740

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291472525 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, 172, 141)` looks like.

```
.text, #text, p{  
    color:rgb(202, 172, 141)  
}
```

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, 172, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 172, 141) }
```

## Border

The CSS property to change the border of an element to Android 4291472525 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, 172, 141) }
```

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

```
.border{ border-color:rgb(202, 172, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 172, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 172, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 172, 141);  
box-shadow:4px 4px 4px 4px rgb(202, 172,  
141) }
```

# Background

The CSS property to change the background color of an element to Android 4291472525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 172, 141) }
```

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

```
.background{ background-color: rgb(202,  
172, 141) }
```

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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