

# Converting Colors

Android(4291806377)

Have a look what the booklet for  
Android(4291806377) contains.

<b>Android(4291806377)</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(4291806377)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CFC4A9
RGB	207, 196, 169
RGB Percent	81%, 77%, 66%
CMY	0.1882, 0.2314, 0.3373
CMYK	0.00, 0.05, 0.18, 0.19
HSL	43°, 28%, 74%
HSV	43°, 18%, 81%
XYZ	52.6335, 55.6098, 45.4958
YIQ	196.2110, 15.2230, -6.0650

# Conversions

## Conversions Part 2

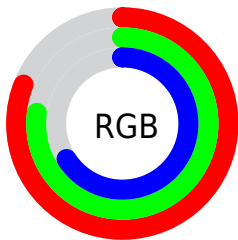
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 207, 169
Decimal	13616297
CIELab	79.39, -0.58, 14.95
CIELCh	79, 14.958, 92.208
Yxy	55.6098, 0.3424, 0.3617
Android (android.graphics.Color)	4291806377 (0xFFCFC4A9)
YUV	196.2110, -13.4150, 9.4620
Hunter-Lab	74.5720, -4.5143, 16.0280

# Details

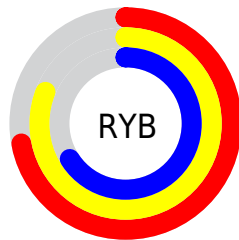
The Android color `4291806377` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4289311951`, and the grayscale version is `4291085508`.

A 20% lighter version of the original color is `4294966752`, and `4288188021` is the 20% darker color. If you saturate the color by 10%, you get `4291804820`, and if you desaturate by 10%, it is `4291807934`.

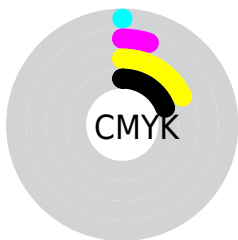
# Distribution



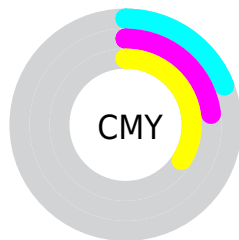
- Red (81%)
- Green (77%)
- Blue (66%)



- Red (72%)
- Yellow (81%)
- Blue (66%)



- Cyan (0%)
- Magenta (5%)
- Yellow (18%)
- Black (19%)



- Cyan (19%)
- Magenta (23%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291806377 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 4291806377 by changing the saturation by 10% instead.





4291806377



4291806377

4294967295



4289964431



4294966752



4288188021

4294967293



4286477660



4284832837



4283254062



4281675545



4280359424



4278190080



4291806377



4291806377

 4291804820

 4291807934

 4291803264


 4291809490

 4291801707

 4291811047

 4291800150


 4291812604

 4291798594

 4291814143

 4291797037


 4291815679

 4291795480

 4291817215

 4291793923

 4291818751

 4291793664

 4291820287

# Harmonies

## Analogous

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



4292591532



4291806377



4290758829

# Triad

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



4291806377



4288793811



4292394450

# Complementary

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



4291806377



4289311951

# 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.



4291412444



4291806377



4289252061

# Square

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



4291806377



4288990661



4290233824



4292983748

# Rectangle

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



4291806377



4290104243



4290233824



4292067030

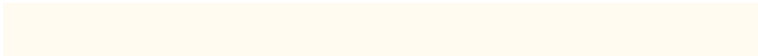


# Sweetspot

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



4291806377



4294966256



4291799476



4286610807



4278190080



4286611584

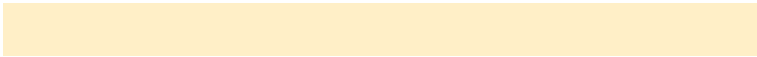


# Same Dimension

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



4291806377



4294963143



4291284905



4285097566



4289230848



4280884480



# Inverse Universe

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



4289311951



4291287039



4289833423



4284375401



4278202792

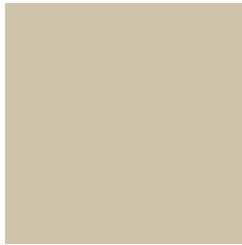


4278193193



# Previews

## White Background



This preview shows how the Android color 4291806377 looks on a white background.

## Color Contrast Check

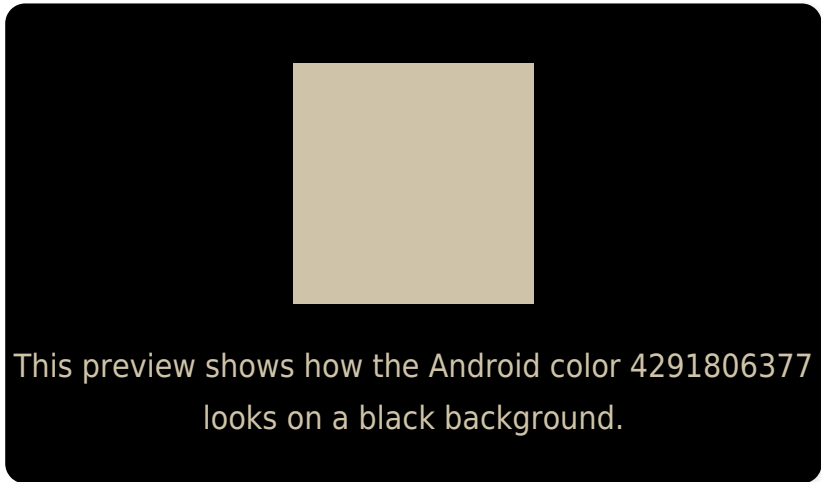
Large Text (above 18pt) WCAG AA × Fail

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 4291806377 Background



This preview shows how black text looks on a background with the Android color 4291806377.



This preview shows how white text looks on a background with the Android color 4291806377.

# 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**  
4291806377

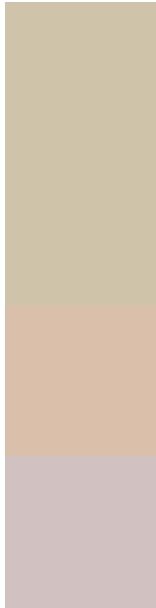
**Protanopia**  
4291806377

**Deuteranopia**  
4292984234



**Tritanopia**  
4292132814

# Trichromacy



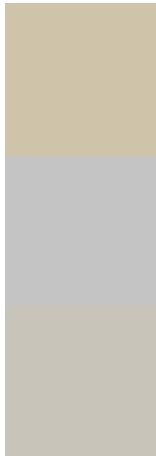
**Original Color**  
4291806377

**Protanomaly**  
4291806377

**Deuteranomaly**  
4292526250

**Tritanomaly**  
4292002241

# Monochromacy



**Original Color**  
4291806377

**Achromatopsia**  
4291085508

**Achromatomaly**  
4291347642

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291806377 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(207, 196, 169)` looks like.

```
.text, #text, p{  
    color:rgb(207, 196, 169)  
}
```

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(207, 196, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 196, 169) }
```

## Border

The CSS property to change the border of an element to Android 4291806377 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(207, 196, 169) }
```

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

```
.border{ border-color:rgb(207, 196, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 196, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 196, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 196, 169);  
box-shadow:4px 4px 4px 4px rgb(207, 196,  
169) }
```

# Background

The CSS property to change the background color of an element to Android 4291806377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 196, 169) }
```

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

```
.background{ background-color: rgb(207,  
196, 169) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor