

# Converting Colors

Android(4291006041)

Have a look what the booklet for  
Android(4291006041) contains.

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# **Color**

**Android(4291006041)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C38E59
RGB	195, 142, 89
RGB Percent	76%, 56%, 35%
CMY	0.2353, 0.4431, 0.6510
CMYK	0.00, 0.27, 0.54, 0.24
HSL	30°, 47%, 56%
HSV	30°, 54%, 76%
XYZ	33.9818, 31.6694, 13.7730
YIQ	151.8050, 48.6010, -5.2470

# Conversions

## Conversions Part 2

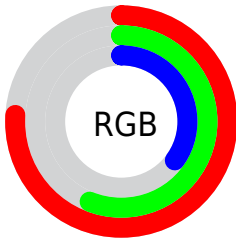
Format	Color
<a href="#">RYB</a>	<a href="#">195, 195, 89</a>
Decimal	<a href="#">12815961</a>
CIELab	<a href="#">63.07, 14.06, 35.93</a>
CIELCh	<a href="#">63, 38.582, 68.629</a>
Yxy	<a href="#">31.6694, 0.4279, 0.3987</a>
Android (android.graphics.Color)	<a href="#">4291006041 (0xFFC38E59)</a>
YUV	<a href="#">151.8050, -30.9629, 37.8820</a>
Hunter-Lab	<a href="#">56.2755, 9.3046, 24.8822</a>

# Details

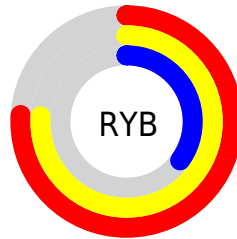
The Android color `4291006041` is a dark color, and the websafe version is hex `CC9966`. The color can be described as middle muted orange. A complement of this color would be `4284059331`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4294886540`, and `4287257641` is the 20% darker color. If you saturate the color by 10%, you get `4291003461`, and if you desaturate by 10%, it is `4291008621`.

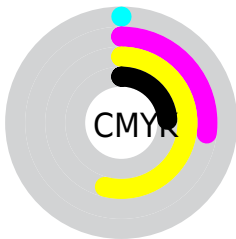
# Distribution



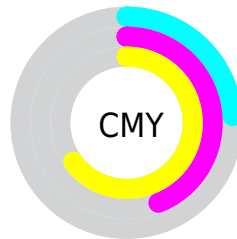
- Red (76%)
- Green (56%)
- Blue (35%)



- Red (76%)
- Yellow (76%)
- Blue (35%)



- Cyan (0%)
- Magenta (27%)
- Yellow (54%)
- Black (24%)



- Cyan (24%)
- Magenta (44%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291006041 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 4291006041 by changing the saturation by 10% instead.





4291006041



4291006041

4294967295



4289098817



4294886540



4287257641



4294959271



4285482002



4294966466



4283706880



4294967262



4281997568



4294967291



4280418304



4278190080



4291006041



4291006041



4291003461




4291008621

 4291000882

 4291011200

 4290998558

 4291013523

 4290995979

 4291016103

 4290994688

 4291018683

 4291021006

 4291023585

 4291026165

 4291028735

# Harmonies

## Analogous

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



4292248431



4291006041



4289043027

# Triad

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



4291006041



4278561698



4289301710

# Complementary

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



4291006041



4284059331

# 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.



4285897180



4291006041



4278233538

# Square

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



4291006041



4283672958



4281181144



4291527090

# Rectangle

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



4291006041



4287471707



4281181144



4288319701



# Sweetspot

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



4291006041



4294764756



4290992526



4286608231



4278190080



4286611584



# Same Dimension

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



4291006041



4294748760



4291019609



4284570711



4288761856



4280357120



# Inverse Universe

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



4284059331



4284001020



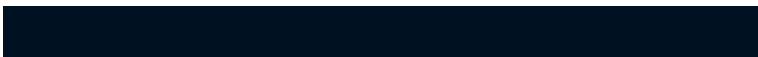
4284045763



4283915361



4278210721



4278194465



# Previews

## White Background



This preview shows how the Android color 4291006041 looks on a white background.

## Color Contrast Check

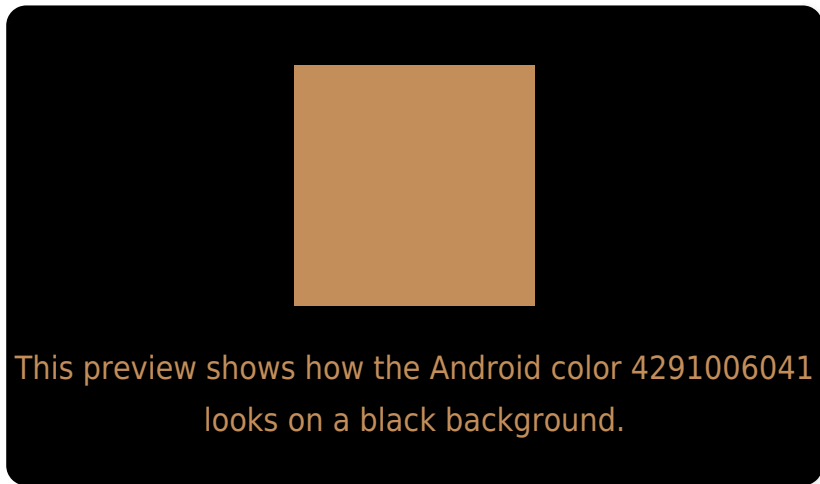
Large Text (above 18pt) WCAG AA × Fail

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

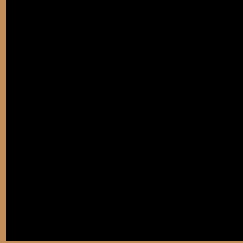
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291006041 Background



This preview shows how black text looks on a background with the Android color 4291006041.



This preview shows how white text looks on a background with the Android color 4291006041.

# 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**  
4291006041

**Protanopia**  
4289173853

**Deuteranopia**  
4290417240



**Tritanopia**  
4291331985

# Trichromacy



**Original Color**  
4291006041

**Protanomaly**  
4289828188

**Deuteranomaly**  
4290613592

**Tritanomaly**  
4291201661

# Monochromacy



**Original Color**  
4291006041

**Achromatopsia**  
4288190616

**Achromatomaly**  
4289238145

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291006041 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(195, 142, 89)` looks like.

```
.text, #text, p{  
    color:rgb(195, 142, 89)  
}
```

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(195, 142, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 142, 89) }
```

## Border

The CSS property to change the border of an element to Android 4291006041 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(195, 142, 89) }
```

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

```
.border{ border-color:rgb(195, 142, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 142, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 142, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 142, 89);  
box-shadow:4px 4px 4px 4px rgb(195, 142,  
89) }
```

# Background

The CSS property to change the background color of an element to Android 4291006041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 142, 89) }
```

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

```
.background{ background-color: rgb(195,  
142, 89) }
```

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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