

# Converting Colors

Android(4291002436)

Have a look what the booklet for  
Android(4291002436) contains.

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# Color

**Android(4291002436)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C38044
RGB	195, 128, 68
RGB Percent	76%, 50%, 27%
CMY	0.2353, 0.4980, 0.7333
CMYK	0.00, 0.34, 0.65, 0.24
HSL	28°, 51%, 52%
HSV	28°, 65%, 76%
XYZ	31.2682, 27.4578, 9.1207
YIQ	141.1930, 59.1920, -4.4560

# Conversions

## Conversions Part 2

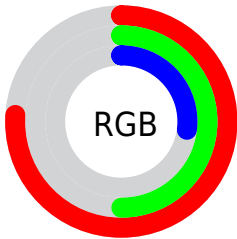
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 182, 68
Decimal	12812356
CIELab	59.40, 20.18, 42.48
CIELCh	59, 47.034, 64.590
Yxy	27.4578, 0.4609, 0.4047
Android (android.graphics.Color)	4291002436 (0xFFC38044)
YUV	141.1930, -36.0841, 47.1887
Hunter-Lab	52.4002, 14.8142, 26.3602

# Details

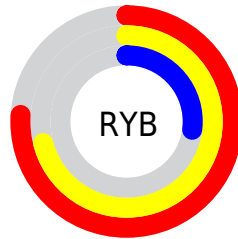
The Android color **4291002436** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **4282681283**, and the grayscale version is **4287466893**.

A 20% lighter version of the original color is **4294948214**, and **4287188755** is the 20% darker color. If you saturate the color by 10%, you get **4290999857**, and if you desaturate by 10%, it is **4291005016**.

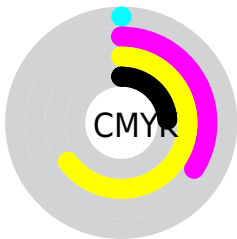
# Distribution



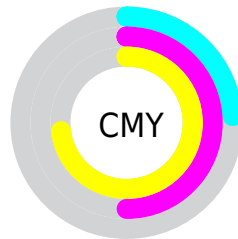
- Red (76%)
- Green (50%)
- Blue (27%)



- Red (76%)
- Yellow (71%)
- Blue (27%)



- Cyan (0%)
- Magenta (34%)
- Yellow (65%)
- Black (24%)



- Cyan (24%)
- Magenta (50%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291002436 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 4291002436 by changing the saturation by 10% instead.





4291002436



4291002436

4294967295



4289095468



4294948214



4287188755



4294955408



4285347584



4294962603



4283572480



4294967239



4281797632



4294967267



4280221697



4278190080



4291002436



4291002436



4290999857



4291005016

■ 4290997021

■ 4291007851

■ 4290994442

■ 4291010431

■ 4290993152

■ 4291013010

■ 4291015590

■ 4291018425

■ 4291021005

■ 4291023584

■ 4291026419

# Harmonies

## Analogous

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



4292375138



4291002436



4288778041

# Triad

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



4291002436



4278232212



4288316115

# Complementary

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



4291002436



4282681283

# 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.



4283404769



4291002436



4278231997

# Square

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



4291002436



4282098026



4278230489



4291261107

# Rectangle

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



4291002436



4286945088



4278230489



4286941146

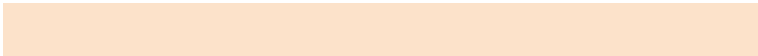


# Sweetspot

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



4291002436



4294763210



4290987144



4286607201



4278190080



4286611584



# Same Dimension

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



4291002436



4294743352



4291018564



4284570711



4288760832



4280356864



# Inverse Universe

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



4282681283



4281901052



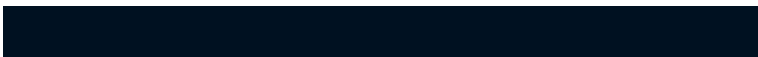
4282665155



4283915361



4278212001

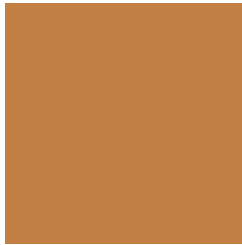


4278194465



# Previews

## White Background



This preview shows how the Android color 4291002436 looks on a white background.

## Color Contrast Check

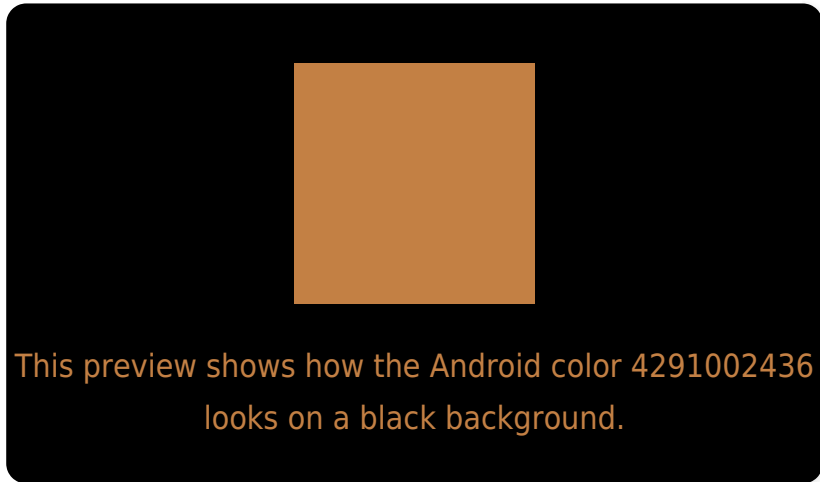
Large Text (above 18pt) WCAG AA ✓ Pass

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

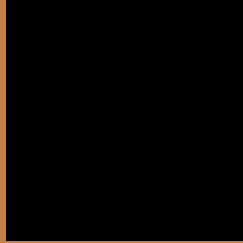
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4291002436 Background



This preview shows how black text looks on a background with the Android color 4291002436.



This preview shows how white text looks on a background with the Android color 4291002436.

# 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**

4291002436

**Protanopia**

4288581705

**Deuteranopia**

4289824834



# Trichromacy



**Original Color**  
4291002436

**Protanomaly**  
4289432135

**Deuteranomaly**  
4290282819

**Tritanomaly**  
4291198059

# Monochromacy



**Original Color**  
4291002436

**Achromatopsia**  
4287466893

**Achromatomaly**  
4288776306

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291002436 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, 128, 68)` looks like.

```
.text, #text, p{  
    color:rgb(195, 128, 68)  
}
```

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, 128, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 128, 68) }
```

## Border

The CSS property to change the border of an element to Android 4291002436 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, 128, 68) }
```

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

```
.border{ border-color:rgb(195, 128, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 128, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 128, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 128, 68);  
box-shadow:4px 4px 4px 4px rgb(195, 128,  
68) }
```

# Background

The CSS property to change the background color of an element to Android 4291002436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 128, 68) }
```

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

```
.background{ background-color: rgb(195,  
128, 68) }
```

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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