

# Converting Colors

Android(4291536464)

Have a look what the booklet for  
Android(4291536464) contains.

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# **Color**

**Android(4291536464)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBA650
RGB	203, 166, 80
RGB Percent	80%, 65%, 31%
CMY	0.2039, 0.3490, 0.6863
CMYK	0.00, 0.18, 0.61, 0.20
HSL	42°, 54%, 55%
HSV	42°, 61%, 80%
XYZ	39.7128, 40.5481, 13.3229
YIQ	167.2590, 49.6580, -18.9020

# Conversions

## Conversions Part 2

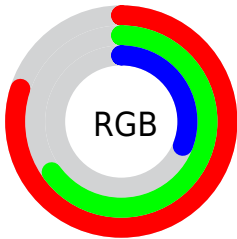
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 203, 80
Decimal	13346384
CIELab	69.86, 3.72, 48.74
CIELCh	70, 48.882, 85.639
Yxy	40.5481, 0.4244, 0.4333
Android (android.graphics.Color)	4291536464 (0xFFCBA650)
YUV	167.2590, -43.0187, 31.3449
Hunter-Lab	63.6774, -0.1129, 32.1692

# Details

The Android color **4291536464** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4283463115**, and the grayscale version is **4289243304**.

A 20% lighter version of the original color is **4294958468**, and **4287787548** is the 20% darker color. If you saturate the color by 10%, you get **4291534908**, and if you desaturate by 10%, it is **4291538020**.

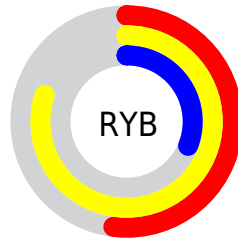
# Distribution



Red (80%)

Green (65%)

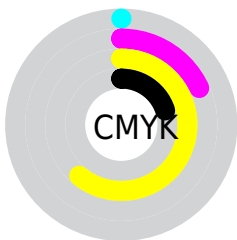
Blue (31%)



Red (52%)

Yellow (80%)

Blue (31%)

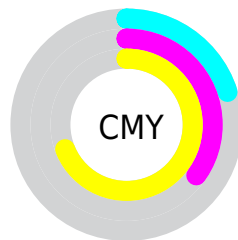


Cyan (0%)

Magenta (18%)

Yellow (61%)

Black (20%)



Cyan (20%)

Magenta (35%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291536464 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 4291536464 by changing the saturation by 10% instead.





4291536464



4291536464

4294967295



4289629239



4294958468



4287787548



4294965663



4285946368



4294967226



4284171008



4294967255



4282461440



4294967283



4280752384



4278714368



4278190080



4291536464



4291536464

■ 4291534908

■ 4291538020

■ 4291533351

■ 4291539577

■ 4291531795

■ 4291541133

■ 4291530240

■ 4291542689

■ 4291544502

■ 4291546058

■ 4291547614

■ 4291549170

■ 4291550719

# Harmonies

## Analogous

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



4293695075



4291536464



4288656472

# Triad

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



4291536464



4278239696



4292645341

# Complementary

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



4291536464



4283463115

# 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.



4288979707



4291536464



4278238451

# Square

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



4291536464



4278239650



4283216383



4294543027

# Rectangle

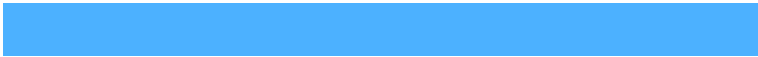
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4291536464



4286429802



4283216383



4291598057

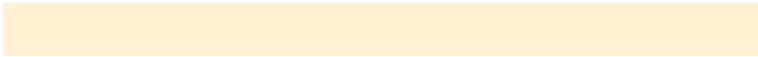


# Sweetspot

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



4291536464



4294963665



4291514487



4286609251



4278190080



4286611584



# Same Dimension

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



4291536464



4294952773



4290038608



4284900188



4289098752



4280687360



# Inverse Universe

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



4283463115



4282744319



4284960971



4284243814



4278203046



4278193190



# Previews

## White Background



This preview shows how the Android color 4291536464 looks on a white background.

## Color Contrast Check

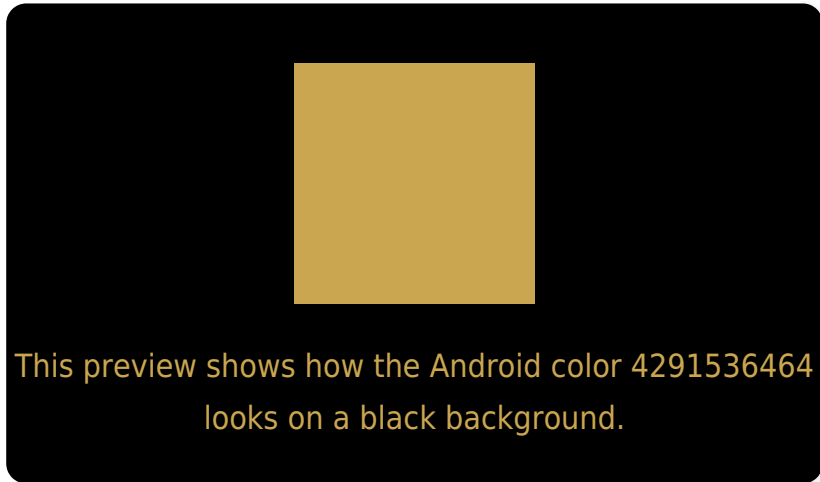
Large Text (above 18pt) WCAG AA × Fail

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 4291536464 Background



This preview shows how black text looks on a background with the Android color 4291536464.

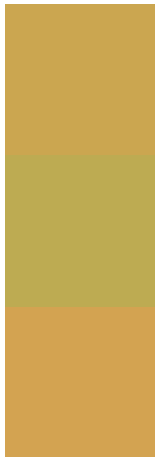


This preview shows how white text looks on a background with the Android color 4291536464.

# 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**  
4291536464

**Protanopia**  
4290620242

**Deuteranopia**  
4292059985



**Tritanopia**  
4291992744

# Trichromacy



**Original Color**  
4291536464

**Protanomaly**  
4290947409

**Deuteranomaly**  
4291863633

**Tritanomaly**  
4291797128

# Monochromacy



**Original Color**  
4291536464

**Achromatopsia**  
4289177511

**Achromatomaly**  
4290029447

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291536464 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(203, 166, 80)` looks like.

```
.text, #text, p{  
    color:rgb(203, 166, 80)  
}
```

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(203, 166, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 166, 80) }
```

## Border

The CSS property to change the border of an element to Android 4291536464 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(203, 166, 80) }
```

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

```
.border{ border-color:rgb(203, 166, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 166, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 166, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 166, 80);  
box-shadow:4px 4px 4px 4px rgb(203, 166,  
80) }
```

# Background

The CSS property to change the background color of an element to Android 4291536464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 166, 80) }
```

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

```
.background{ background-color: rgb(203,  
166, 80) }
```

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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