

# Converting Colors

Android(4291536985)

Have a look what the booklet for  
Android(4291536985) contains.

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# **Color**

**Android(4291536985)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBA859
RGB	203, 168, 89
RGB Percent	80%, 66%, 35%
CMY	0.2039, 0.3412, 0.6510
CMYK	0.00, 0.17, 0.56, 0.20
HSL	42°, 52%, 57%
HSV	42°, 56%, 80%
XYZ	40.4344, 41.4230, 15.3155
YIQ	169.4590, 46.2190, -17.1490

# Conversions

## Conversions Part 2

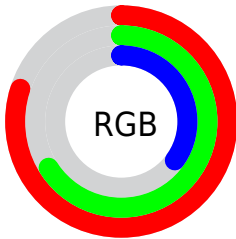
Format	Color
<a href="#">RYB</a>	<a href="#">140, 203, 89</a>
Decimal	<a href="#">13346905</a>
<a href="#">CIELab</a>	<a href="#">70.47, 3.32, 45.08</a>
<a href="#">CIElCh</a>	<a href="#">70, 45.198, 85.781</a>
<a href="#">Yxy</a>	<a href="#">41.4230, 0.4161, 0.4263</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291536985 (0xFFCBA859)</a>
<a href="#">YUV</a>	<a href="#">169.4590, -39.6663, 29.4155</a>
<a href="#">Hunter-Lab</a>	<a href="#">64.3607, -0.4893, 30.9436</a>

# Details

The Android color **4291536985** 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 **4284054731**, and the grayscale version is **4289374890**.

A 20% lighter version of the original color is **4294958989**, and **4287788071** is the 20% darker color. If you saturate the color by 10%, you get **4291535429**, and if you desaturate by 10%, it is **4291538541**.

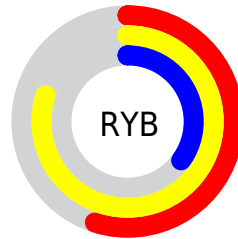
# Distribution



Red (80%)

Green (66%)

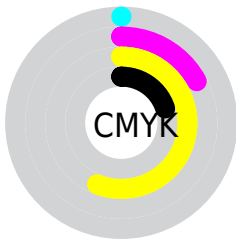
Blue (35%)



Red (55%)

Yellow (80%)

Blue (35%)

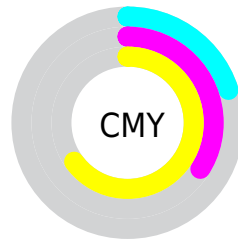


Cyan (0%)

Magenta (17%)

Yellow (56%)

Black (20%)



Cyan (20%)

Magenta (34%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291536985 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 4291536985 by changing the saturation by 10% instead.





4291536985



4291536985

4294967295



4289629760



4294958989



4287788071



4294966440



4286012427



4294967236



4284236800



4294967264



4282527232

4294967293



4280818176



4278910976



4278190080



4291536985



4291536985

4291535429

4291538541

4291533872

4291540098

4291532060

4291541910

4291530504

4291543466

4291529984

4291545023

4291546579

4291548391

4291549947

4291551487

# Harmonies

## Analogous

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



4293564778



4291536985



4288853344

# Triad

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



4291536985



4278239695



4292515291

# Complementary

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



4291536985



4284054731

# 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.



4289176822



4291536985



4278238447

# Square

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



4291536985



4280730021



4284330750



4294347700

# Rectangle

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



4291536985



4286757745



4284330750



4291598822



# Sweetspot

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



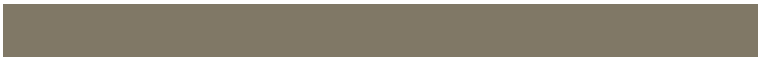
4291536985



4294963924



4291516797



4286609510



4278190080



4286611584



# Same Dimension

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



4291536985



4294953812



4290169689



4284900188



4289098496



4280687360



# Inverse Universe

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



4284054731



4283730431



4285422027



4284243814



4278203302



4278193190



# Previews

## White Background



This preview shows how the Android color 4291536985 looks on a white background.

## Color Contrast Check

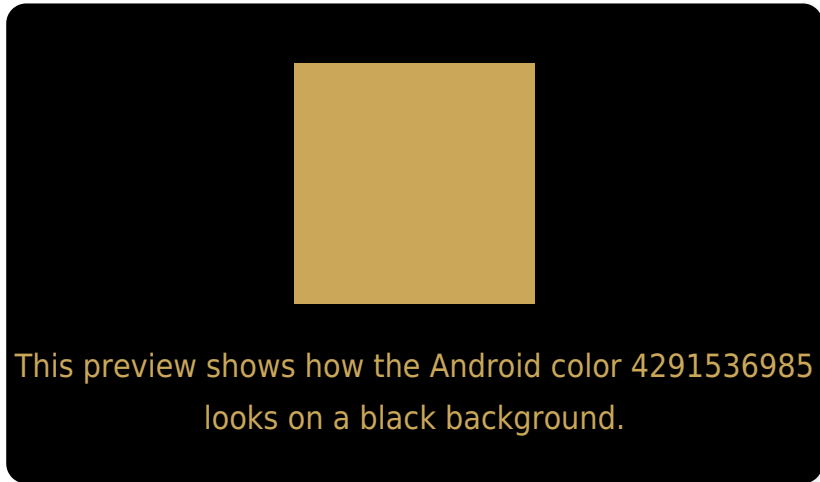
Large Text (above 18pt) WCAG AA × Fail

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 4291536985 Background



This preview shows how black text looks on a background with the Android color 4291536985.



This preview shows how white text looks on a background with the Android color 4291536985.

# 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**  
4291536985

**Protanopia**  
4290686299

**Deuteranopia**  
4292125786



**Tritanopia**  
4291993515

# Trichromacy



**Original Color**  
4291536985

**Protanomaly**  
4291013466

**Deuteranomaly**  
4291929434

**Tritanomaly**  
4291797645

# Monochromacy



**Original Color**  
4291536985

**Achromatopsia**  
4289309097

**Achromatomaly**  
4290095500

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291536985 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, 168, 89)` looks like.

```
.text, #text, p{  
    color:rgb(203, 168, 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(203, 168, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 168, 89) }
```

## Border

The CSS property to change the border of an element to Android 4291536985 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, 168, 89) }
```

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

```
.border{ border-color:rgb(203, 168, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 168, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 168, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 168, 89);  
box-shadow:4px 4px 4px 4px rgb(203, 168,  
89) }
```

# Background

The CSS property to change the background color of an element to Android 4291536985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 168, 89) }
```

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

```
.background{ background-color: rgb(203,  
168, 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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