

# Converting Colors

Android(4291080295)

Have a look what the booklet for  
Android(4291080295) contains.

<b>Android(4291080295)</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(4291080295)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4B067
RGB	196, 176, 103
RGB Percent	77%, 69%, 40%
CMY	0.2314, 0.3098, 0.5961
CMYK	0.00, 0.10, 0.47, 0.23
HSL	47°, 44%, 59%
HSV	47°, 47%, 77%
XYZ	40.7385, 43.7657, 19.1324
YIQ	173.6580, 35.3530, -18.4630

# Conversions

## Conversions Part 2

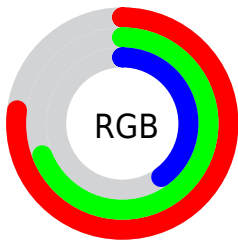
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 196, 103
Decimal	12890215
CIELab	72.07, -2.63, 39.83
CIELCh	72, 39.913, 93.782
Yxy	43.7657, 0.3931, 0.4223
Android (android.graphics.Color)	4291080295 (0xFFC4B067)
YUV	173.6580, -34.8344, 19.5939
Hunter-Lab	66.1557, -5.8526, 29.1621

# Details

The Android color **4291080295** is a light color, and the websafe version is hex **999966**. A complement of this color would be **4284971972**, and the grayscale version is **4289638062**.

A 20% lighter version of the original color is **4294895515**, and **4287396918** is the 20% darker color. If you saturate the color by 10%, you get **4291079251**, and if you desaturate by 10%, it is **4291081339**.

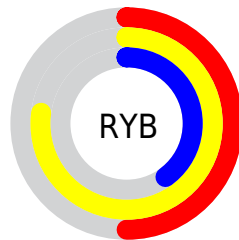
# Distribution



Red (77%)

Green (69%)

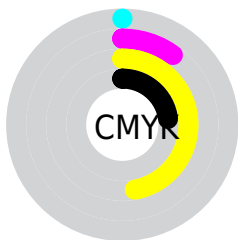
Blue (40%)



Red (50%)

Yellow (77%)

Blue (40%)

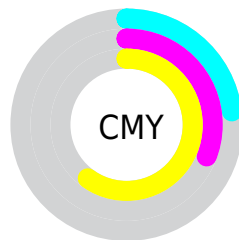


Cyan (0%)

Magenta (10%)

Yellow (47%)

Black (23%)



Cyan (23%)

Magenta (31%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291080295 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 4291080295 by changing the saturation by 10% instead.





4291080295



4291080295

4294967295



4289238350



4294895515



4287396918



4294967223



4285621021



4294967251



4283910914



4294967279



4282332416



4280688640



4278520064



4278190080



4291080295



4291080295

■ 4291079251

■ 4291081339

■ 4291078208

■ 4291082382

■ 4291076908

■ 4291083682

■ 4291075865

■ 4291084725

■ 4291074821

■ 4291085769

■ 4291074560

■ 4291086813

■ 4291088112

■ 4291089151

■ 4291090175

# Harmonies

## Analogous

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



4293108592



4291080295



4288527219

# Triad

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



4291080295



4278240216



4293040594

# Complementary

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



4291080295



4284971972

# 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.



4290487789



4291080295



4282301937

# Square

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



4291080295



4282107060



4286821369



4294349997

# Rectangle

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



4291080295



4286627716



4286821369



4292320732



# Sweetspot

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



4291080295



4294965211



4291061627



4286610282



4278190080



4286611584



# Same Dimension

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



4291080295



4294959214



4289381479



4284571479



4288773632



4280359424



# Inverse Universe

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



4284971972



4285435391



4286670788



4283914593



4278199201



4278191905



# Previews

## White Background



This preview shows how the Android color 4291080295 looks on a white background.

## Color Contrast Check

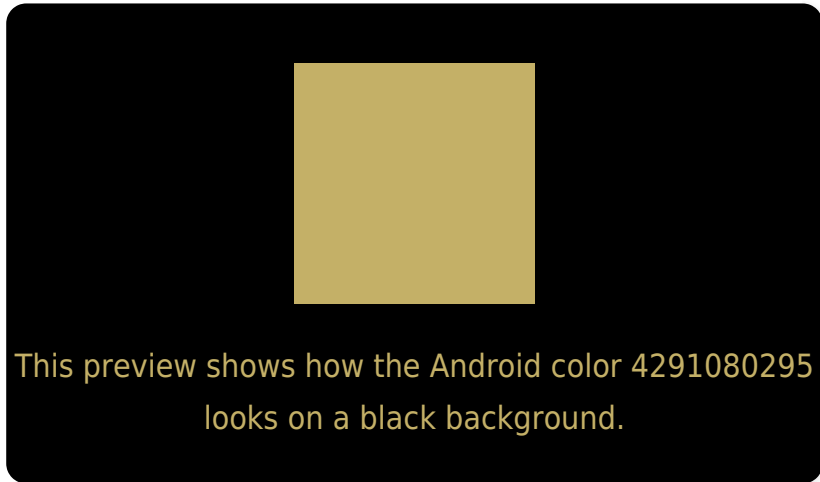
Large Text (above 18pt) WCAG AA × Fail

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 4291080295 Background



This preview shows how black text looks on a background with the Android color 4291080295.



This preview shows how white text looks on a background with the Android color 4291080295.

# 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**  
4291080295

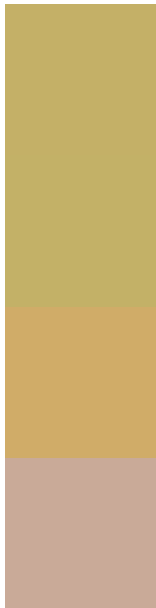
**Protanopia**  
4290949479

**Deuteranopia**  
4292323689



**Tritanopia**  
4291602356

# Trichromacy



**Original Color**  
4291080295

**Protanomaly**  
4291015015

**Deuteranomaly**  
4291865704

**Tritanomaly**  
4291406488

# Monochromacy



**Original Color**  
4291080295

**Achromatopsia**  
4289638062

**Achromatomaly**  
4290162580

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291080295 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(196, 176, 103)` looks like.

```
.text, #text, p{  
    color:rgb(196, 176, 103)  
}
```

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(196, 176, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 176, 103) }
```

## Border

The CSS property to change the border of an element to Android 4291080295 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(196, 176, 103) }
```

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

```
.border{ border-color:rgb(196, 176, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 176, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 176, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 176, 103);  
box-shadow:4px 4px 4px 4px rgb(196, 176,  
103) }
```

# Background

The CSS property to change the background color of an element to Android 4291080295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 176, 103) }
```

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

```
.background{ background-color: rgb(196,  
176, 103) }
```

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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