

# Converting Colors

Android(4291475296)

Have a look what the booklet for  
Android(4291475296) contains.

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# **Color**

**Android(4291475296)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CAB760
RGB	202, 183, 96
RGB Percent	79%, 72%, 38%
CMY	0.2078, 0.2824, 0.6235
CMYK	0.00, 0.09, 0.52, 0.21
HSL	49°, 50%, 58%
HSV	49°, 52%, 79%
XYZ	43.4019, 47.2681, 17.9025
YIQ	178.7630, 39.2510, -23.0290

# Conversions

## Conversions Part 2

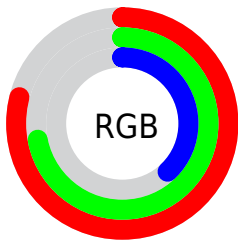
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 202, 96
Decimal	13285216
CIELab	74.36, -4.46, 46.23
CIElCh	74, 46.442, 95.508
Yxy	47.2681, 0.3998, 0.4354
Android (android.graphics.Color)	4291475296 (0xFFCAB760)
YUV	178.7630, -40.8022, 20.3788
Hunter-Lab	68.7518, -7.6313, 32.6876

# Details

The Android color **4291475296** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **4284511178**, and the grayscale version is **4289967027**.

A 20% lighter version of the original color is **4294963093**, and **4287791661** is the 20% darker color. If you saturate the color by 10%, you get **4291474252**, and if you desaturate by 10%, it is **4291476340**.

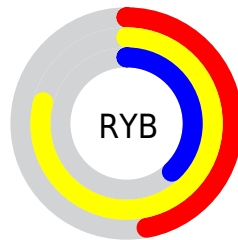
# Distribution



Red (79%)

Green (72%)

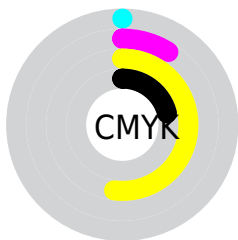
Blue (38%)



Red (47%)

Yellow (79%)

Blue (38%)

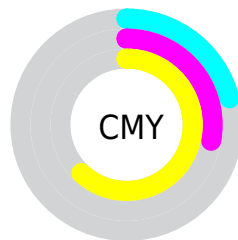


Cyan (0%)

Magenta (9%)

Yellow (52%)

Black (21%)



Cyan (21%)

Magenta (28%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291475296 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 4291475296 by changing the saturation by 10% instead.





4291475296



4291475296

4294967295



4289567815



4294963093



4287791661



4294967216



4285950226



4294967244



4284240128



4294967272



4282530560



4280886528



4279046400



4278190080



4291475296



4291475296

■ 4291474252

■ 4291476340

■ 4291473464

■ 4291477128

■ 4291472419

■ 4291478173

■ 4291471631

■ 4291478961

■ 4291470848

■ 4291480005

■ 4291481049

■ 4291481837

■ 4291482879

■ 4291483903

# Harmonies

## Analogous

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



4293830762



4291475296



4288529263

# Triad

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



4291475296



4278242535



4294154971

# Complementary

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



4291475296



4284511178

# 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.



4291144189



4291475296



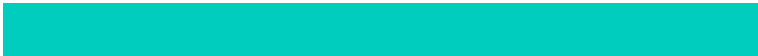
4278240767

# Square

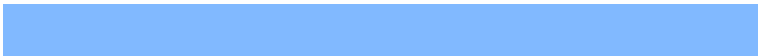
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4291475296



4278242750



4286691839



4294939825

# Rectangle

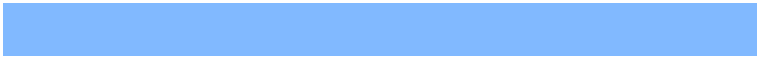
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4291475296



4286236805



4286691839



4293304040



# Sweetspot

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



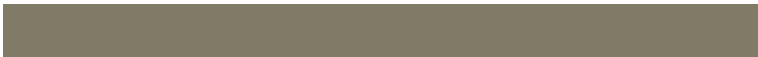
4291475296



4294965462



4291453043



4286610279



4278190080



4286611584



# Same Dimension

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



4291475296



4294959710



4289251936



4284900444



4289103872



4280688384



# Inverse Universe

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



4284511178



4284382207



4286734538



4284243558



4278197926



4278191910



# Previews

## White Background



This preview shows how the Android color 4291475296 looks on a white background.

## Color Contrast Check

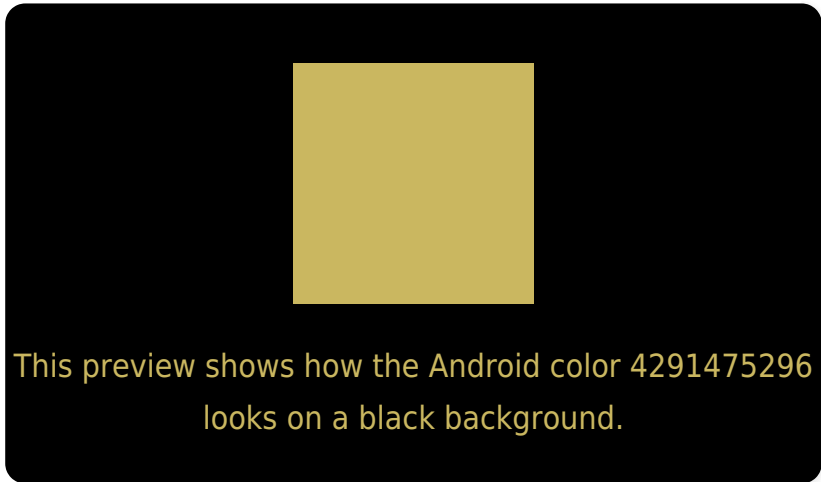
Large Text (above 18pt) WCAG AA × Fail

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 4291475296 Background



This preview shows how black text looks on a background with the Android color 4291475296.



This preview shows how white text looks on a background with the Android color 4291475296.

# 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**


4291475296

**Protanopia**

4291475296

**Deuteranopia**

4292914786



**Tritanopia**  
4292062650

# Trichromacy



**Original Color**

4291475296

**Protanomaly**

4291475296

**Deuteranomaly**

4292391265

**Tritanomaly**

4291867033

# Monochromacy



**Original Color**

4291475296

**Achromatopsia**

4289967027

**Achromatomaly**

4290491541

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291475296 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(202, 183, 96)` looks like.

```
.text, #text, p{  
    color:rgb(202, 183, 96)  
}
```

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(202, 183, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 183, 96) }
```

## Border

The CSS property to change the border of an element to Android 4291475296 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(202, 183, 96) }
```

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

```
.border{ border-color:rgb(202, 183, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 183, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 183, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 183, 96);  
box-shadow:4px 4px 4px 4px rgb(202, 183,  
96) }
```

# Background

The CSS property to change the background color of an element to Android 4291475296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 183, 96) }
```

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

```
.background{ background-color: rgb(202,  
183, 96) }
```

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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