

# Converting Colors

Android(4291611136)

Have a look what the booklet for  
Android(4291611136) contains.

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# **Color**

**Android(4291611136)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCCA00
RGB	204, 202, 0
RGB Percent	80%, 79%, 0%
CMY	0.2000, 0.2078, 1.0000
CMYK	0.00, 0.01, 1.00, 0.20
HSL	59°, 100%, 40%
HSV	59°, 100%, 80%
XYZ	46.0224, 55.0784, 8.2056
YIQ	179.5700, 66.0340, -62.3980

# Conversions

## Conversions Part 2

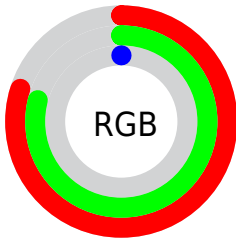
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	2, 204, 0
Decimal	13421056
CIE Lab	79.09, -17.23, 79.46
CIE LCh	79, 81.310, 102.233
Yxy	55.0784, 0.4210, 0.5039
Android (android.graphics.Color)	4291611136 (0xFFCCCA00)
YUV	179.5700, -88.5280, 21.4251
Hunter-Lab	74.2148, -19.1839, 45.3950

# Details

The Android color **4291611136** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **4278190796**, and the grayscale version is **4290032820**.

A 20% lighter version of the original color is **4294967124**, and **4287730688** is the 20% darker color. If you saturate the color by 10%, you get **4291611136**, and if you desaturate by 10%, it is **4291611156**.

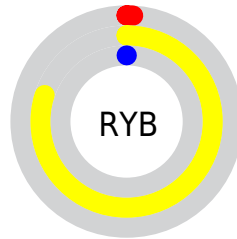
# Distribution



Red (80%)

Green (79%)

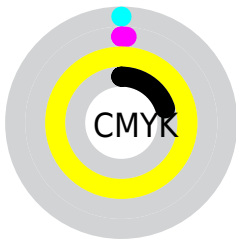
Blue (0%)



Red (1%)

Yellow (80%)

Blue (0%)

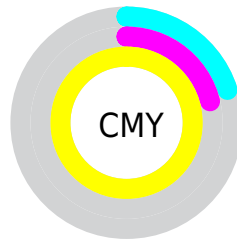


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (21%)


Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291611136 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 4291611136 by changing the saturation by 10% instead.



 4291611136

 4291611136

4294967295

 4289638144

 4294967124

 4287730688

 4294967154

 4285889280

 4294967183

 4283982336

 4294967212

 4282206720


 4294967241

 4280497152

 4294967271

 4278591232

 4278190080

 4291611136

 4291611156

 4291611177


 4291611453

 4291611474

 4291611494

 4291611514

 4291611535

 4291611811

 4291611832

# Harmonies

## Analogous

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



4294946849



4291611136



4285979465

# Triad

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



4291611136



4278248703



4294935028

# Complementary

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



4291611136



4278190796

# 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.



4293829119



4291611136



4278245887

# Square

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



4291611136



4278249442



4283941631



4294932648

# Rectangle

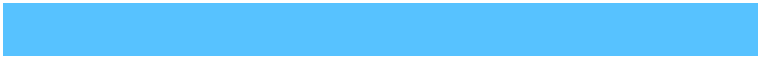
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4291611136



4278248057



4283941631



4294937343



# Sweetspot

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



4291611136



4294966963



4291559427



4286611282



4278190080



4286611584



# Same Dimension

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



4291611136



4294966528



4285123584



4284900956



4289111040



4280690176



# Inverse Universe

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



4278190796



4278190847



4284678348



4284243046



4278190758



4278190118



# Previews

## White Background



This preview shows how the Android color 4291611136 looks on a white background.

## Color Contrast Check

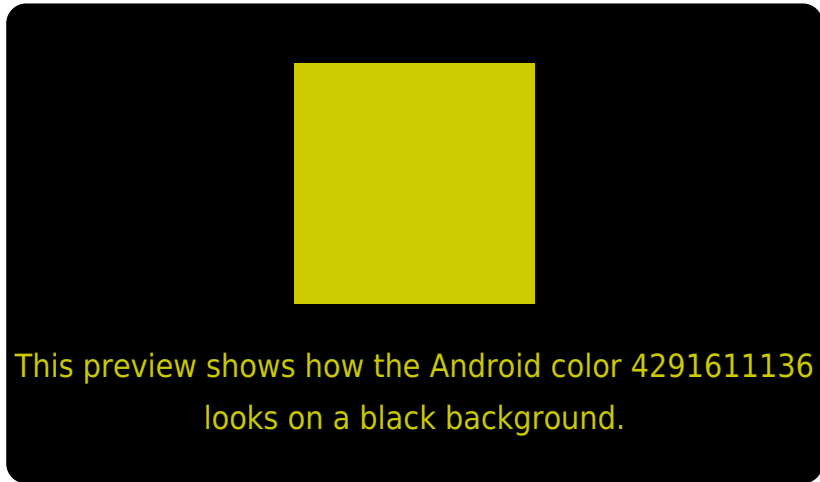
Large Text (above 18pt) WCAG AA × Fail

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 4291611136 Background



This preview shows how black text looks on a background with the Android color 4291611136.

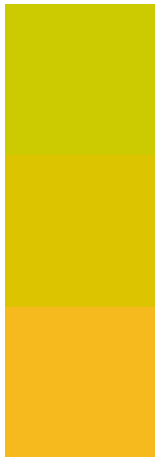


This preview shows how white text looks on a background with the Android color 4291611136.

# 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**  
4291611136

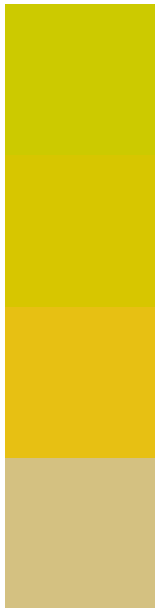
**Protanopia**  
4292723712

**Deuteranopia**  
4294425118



**Tritanopia**  
4292459722

# Trichromacy



**Original Color**  
4291611136

**Protanomaly**  
4292331008

**Deuteranomaly**  
4293378067

**Tritanomaly**  
4292133249

# Monochromacy



**Original Color**  
4291611136

**Achromatopsia**  
4290032820

**Achromatomaly**  
4290624627

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291611136 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(204, 202, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 202, 0)  
}
```

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(204, 202, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 202, 0) }
```

## Border

The CSS property to change the border of an element to Android 4291611136 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(204, 202, 0) }
```

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

```
.border{ border-color:rgb(204, 202, 0) }
```

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

Here you see how a box with a 4 pixel rgb(204, 202, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 202, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 202, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 202,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4291611136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 202, 0) }
```

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

```
.background{ background-color: rgb(204,  
202, 0) }
```

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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