

# Converting Colors

Android(4291670066)

Have a look what the booklet for  
Android(4291670066) contains.

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# **Color**

**Android(4291670066)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDB032
RGB	205, 176, 50
RGB Percent	80%, 69%, 20%
CMY	0.1961, 0.3098, 0.8039
CMYK	0.00, 0.14, 0.76, 0.20
HSL	49°, 61%, 50%
HSV	49°, 76%, 80%
XYZ	41.2779, 44.2601, 9.3851
YIQ	170.3070, 57.7300, -33.0380

# Conversions

## Conversions Part 2

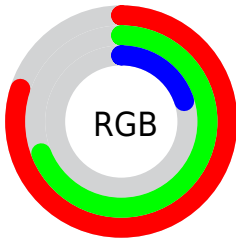
Format	Color
R <sub>Y</sub> B	86, 205, 50
Decimal	13479986
CIE Lab	72.40, -2.40, 64.07
CIE LCh	72, 64.116, 92.145
Yxy	44.2601, 0.4349, 0.4663
Android (android.graphics.Color)	4291670066 (0xFFCDB032)
YUV	170.3070, -59.3114, 30.4258
Hunter-Lab	66.5283, -5.6730, 38.2058

# Details

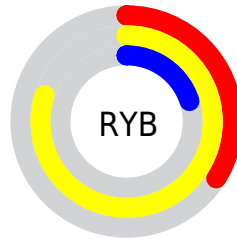
The Android color **4291670066** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle muted orange. A complement of this color would be **4281487309**, and the grayscale version is **4289440683**.

A 20% lighter version of the original color is **4294961001**, and **4287855616** is the 20% darker color. If you saturate the color by 10%, you get **4291669022**, and if you desaturate by 10%, it is **4291671110**.

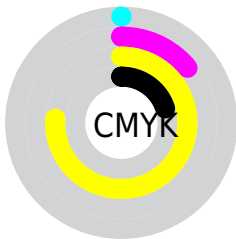
# Distribution



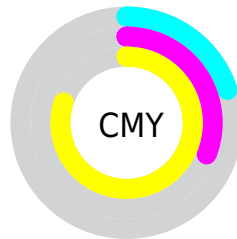
- Red (80%)
- Green (69%)
- Blue (20%)



- Red (34%)
- Yellow (80%)
- Blue (20%)



- Cyan (0%)
- Magenta (14%)
- Yellow (76%)
- Black (20%)



- Cyan (20%)
- Magenta (31%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291670066 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 4291670066 by changing the saturation by 10% instead.





4291670066



4291670066

4294967295



4289762831



4294961001



4287855616



4294967173



4285948672



4294967201



4284173312



4294967229



4282397952



4294967257



4280754176



4294967287



4278651392



4278190080



4291670066



4291670066

■ 4291669022

■ 4291671110

■ 4291667977

■ 4291672155

■ 4291667712

■ 4291673200

■ 4291673988

■ 4291675033

■ 4291676077

■ 4291677122

■ 4291678166

■ 4291679211

# Harmonies

## Analogous

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



4294744648



4291670066



4287742023

# Triad

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



4291670066



4278242798



4294740201

# Complementary

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



4291670066



4281487309

# 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.



4290355455



4291670066



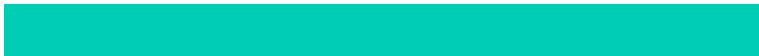
4278241023

# Square

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



4291670066



4278242996



4280793087



4294933424

# Rectangle

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



4291670066



4284335974



4280793087



4293562618



# Sweetspot

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



4291670066



4294964420



4291637841



4286609756



4278190080



4286611584



# Same Dimension

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



4291670066



4294956055



4288662834



4284900444



4289103616



4280688384



# Inverse Universe

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



4281487309



4279714559



4284494541



4284243558



4278198182



4278191910



# Previews

## White Background



This preview shows how the Android color 4291670066 looks on a white background.

## Color Contrast Check

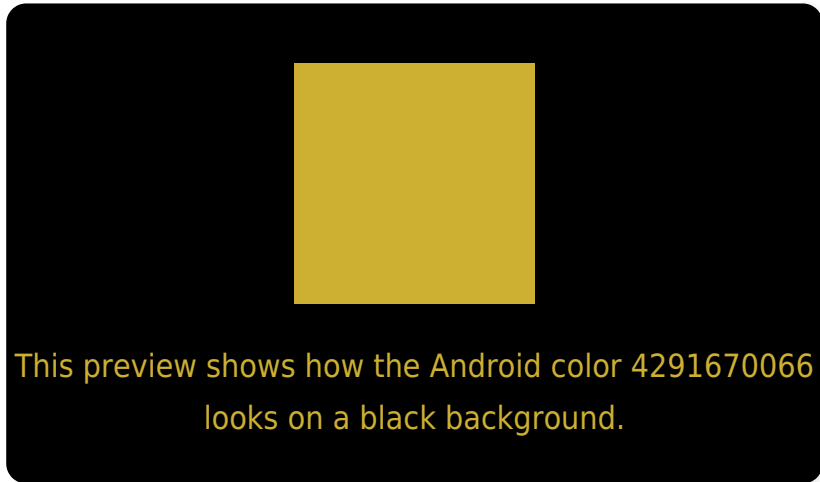
Large Text (above 18pt) WCAG AA × Fail

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 4291670066 Background



This preview shows how black text looks on a background with the Android color 4291670066.

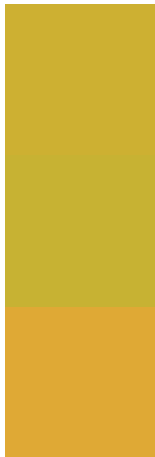


This preview shows how white text looks on a background with the Android color 4291670066.

# 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**  
4291670066

**Protanopia**  
4291277363

**Deuteranopia**  
4292847925



# Trichromacy



**Original Color**  
4291670066

**Protanomaly**  
4291408179

**Deuteranomaly**  
4292389940

**Tritanomaly**  
4292061315

# Monochromacy



**Original Color**  
4291670066

**Achromatopsia**  
4289374890

**Achromatomaly**  
4290227326

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291670066 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(205, 176, 50)` looks like.

```
.text, #text, p{  
    color:rgb(205, 176, 50)  
}
```

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(205, 176, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 176, 50) }
```

## Border

The CSS property to change the border of an element to Android 4291670066 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(205, 176, 50) }
```

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

```
.border{ border-color:rgb(205, 176, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 176, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 176, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 176, 50);  
box-shadow:4px 4px 4px 4px rgb(205, 176,  
50) }
```

# Background

The CSS property to change the background color of an element to Android 4291670066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 176, 50) }
```

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

```
.background{ background-color: rgb(205,  
176, 50) }
```

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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