

# Converting Colors

Android(4291471686)

Have a look what the booklet for  
Android(4291471686) contains.

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# **Color**

**Android(4291471686)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAA946
RGB	202, 169, 70
RGB Percent	79%, 66%, 27%
CMY	0.2078, 0.3373, 0.7255
CMYK	0.00, 0.16, 0.65, 0.21
HSL	45°, 55%, 53%
HSV	45°, 65%, 79%
XYZ	39.6506, 41.3747, 11.6907
YIQ	167.5810, 51.4470, -23.7930

# Conversions

## Conversions Part 2

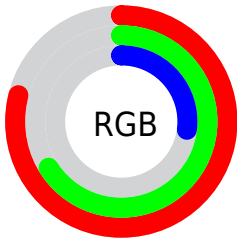
Format	Color
<a href="#">RYB</a>	<a href="#">114, 202, 70</a>
Decimal	<a href="#">13281606</a>
<a href="#">CIELab</a>	<a href="#">70.44, 1.02, 53.97</a>
<a href="#">CIElCh</a>	<a href="#">70, 53.982, 88.913</a>
<a href="#">Yxy</a>	<a href="#">41.3747, 0.4277, 0.4463</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291471686 (0xFFCAA946)</a>
<a href="#">YUV</a>	<a href="#">167.5810, -48.1074, 30.1855</a>
<a href="#">Hunter-Lab</a>	<a href="#">64.3232, -2.5332, 34.2503</a>

# Details

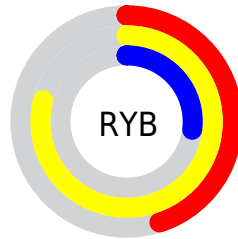
The Android color **4291471686** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4282804170**, and the grayscale version is **4289243304**.

A 20% lighter version of the original color is **4294959226**, and **4287722764** is the 20% darker color. If you saturate the color by 10%, you get **4291470386**, and if you desaturate by 10%, it is **4291472986**.

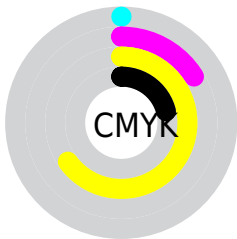
# Distribution



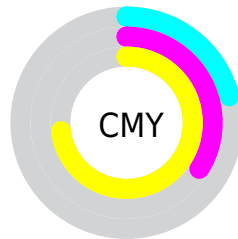
- Red (79%)
- Green (66%)
- Blue (27%)



- Red (45%)
- Yellow (79%)
- Blue (27%)



- Cyan (0%)
- Magenta (16%)
- Yellow (65%)
- Black (21%)



- Cyan (21%)
- Magenta (34%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291471686 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 4291471686 by changing the saturation by 10% instead.





4291471686



4291471686

4294967295



4289564460



4294959226



4287722764



4294966677



4285881600



4294967217



4284105984



4294967245



4282331136



4294967274



4280687360



4278518016



4278190080



4291471686



4291471686

■ 4291470386

■ 4291472986

■ 4291469086

■ 4291474286

■ 4291467785

■ 4291475587

■ 4291467264

■ 4291476887

■ 4291478187

■ 4291479487

■ 4291480787

■ 4291482088

■ 4291483388

# Harmonies

## Analogous

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



4293957465



4291471686



4288264018

# Triad

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



4291471686



4278240474



4293365216

# Complementary

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



4291471686



4282804170

# 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.



4289503487



4291471686



4278238975

# Square

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



4291471686



4278240681



4282757887



4294935216

# Rectangle

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



4291471686



4285644393



4282757887



4292318189



# Sweetspot

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



4291471686



4294963916



4291446375



4286609505



4278190080



4286611584



# Same Dimension

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



4291471686



4294954296



4289317446



4284900188



4289100800



4280687872



# Inverse Universe

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



4282804170



4281887487



4284958410



4284243558



4278200742



4278192678



# Previews

## White Background



This preview shows how the Android color 4291471686 looks on a white background.

## Color Contrast Check

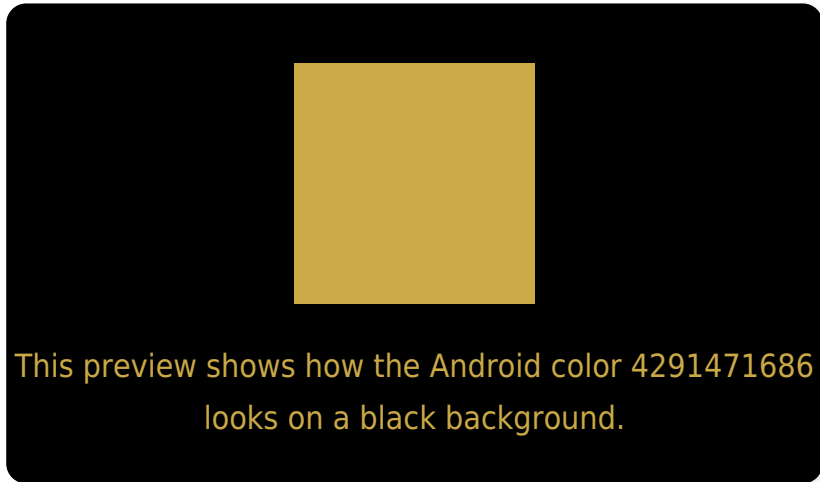
Large Text (above 18pt) WCAG AA × Fail

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 4291471686 Background



This preview shows how black text looks on a background with the Android color 4291471686.

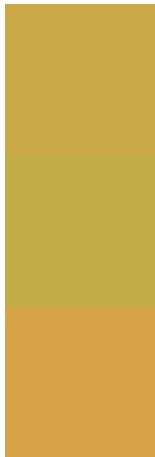


This preview shows how white text looks on a background with the Android color 4291471686.

# 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**  
4291471686

**Protanopia**  
4290817351

**Deuteranopia**  
4292256839

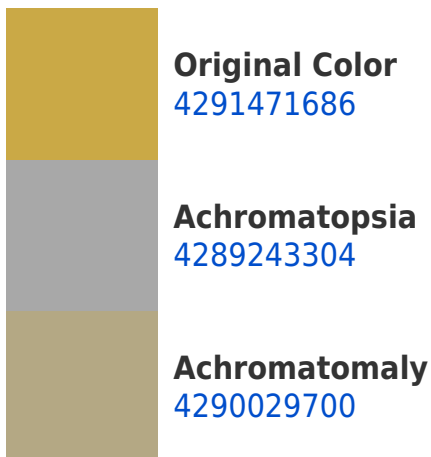


**Tritanopia**  
4291993515

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291471686 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, 169, 70)` looks like.

```
.text, #text, p{  
    color:rgb(202, 169, 70)  
}
```

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, 169, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 169, 70) }
```

## Border

The CSS property to change the border of an element to Android 4291471686 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, 169, 70) }
```

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

```
.border{ border-color:rgb(202, 169, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 169, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 169, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 169, 70);  
box-shadow:4px 4px 4px 4px rgb(202, 169,  
70) }
```

# Background

The CSS property to change the background color of an element to Android 4291471686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 169, 70) }
```

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

```
.background{ background-color: rgb(202,  
169, 70) }
```

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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