

# Converting Colors

Android(4291606598)

Have a look what the booklet for  
Android(4291606598) contains.

<b>Android(4291606598)</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(4291606598)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCB846
RGB	204, 184, 70
RGB Percent	80%, 72%, 27%
CMY	0.2000, 0.2784, 0.7255
CMYK	0.00, 0.10, 0.66, 0.20
HSL	51°, 57%, 54%
HSV	51°, 66%, 80%
XYZ	43.1478, 47.5605, 12.7003
YIQ	176.9840, 48.5140, -31.2140

# Conversions

## Conversions Part 2

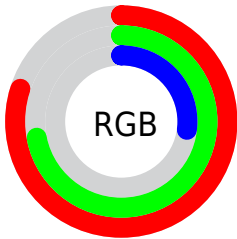
Format	Color
<a href="#">RYB</a>	<a href="#">94, 204, 70</a>
Decimal	<a href="#">13416518</a>
CIELab	<a href="#">74.55, -6.01, 58.40</a>
CIELCh	<a href="#">75, 58.704, 95.878</a>
Yxy	<a href="#">47.5605, 0.4173, 0.4599</a>
Android (android.graphics.Color)	<a href="#">4291606598 (0xFFCCB846)</a>
YUV	<a href="#">176.9840, -52.7431, 23.6930</a>
Hunter-Lab	<a href="#">68.9642, -9.0077, 37.3562</a>

# Details

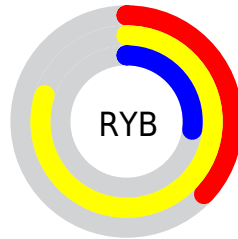
The Android color **4291606598** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **4282800844**, and the grayscale version is **4289835441**.

A 20% lighter version of the original color is **4294963324**, and **4287857414** is the 20% darker color. If you saturate the color by 10%, you get **4291605810**, and if you desaturate by 10%, it is **4291607386**.

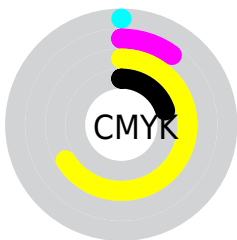
# Distribution



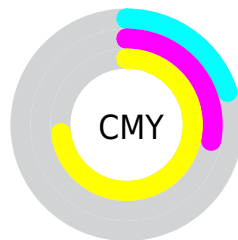
- Red (80%)
- Green (72%)
- Blue (27%)



- Red (37%)
- Yellow (80%)
- Blue (27%)



- Cyan (0%)
- Magenta (10%)
- Yellow (66%)
- Black (20%)




- Cyan (20%)
- Magenta (28%)
- Yellow (73%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291606598 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 4291606598 by changing the saturation by 10% instead.



 4291606598

 4291606598

4294967295

 4289699114

 4294963324

 4287857414

 4294967191

 4286016000

 4294967219

 4284240384

 4294967247


 4282465280


 4294967276

 4280821248

 4278850048

 4278190080

 4291606598

 4291606598

■ 4291605810

■ 4291607386

■ 4291605021

■ 4291608175

■ 4291604233

■ 4291608963

■ 4291603968

■ 4291609752

■ 4291610540

■ 4291611328

■ 4291612117

■ 4291612905

■ 4291613694

# Harmonies

## Analogous

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



4294550868



4291606598



4287874652

# Triad

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



4291606598



4278243829



4294938853

# Complementary

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



4291606598



4282800844

# 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.



4291405311



4291606598



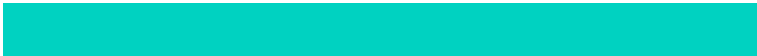
4278241791

# Square

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



4291606598



4278244033



4284922623



4294936751

# Rectangle

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



4291606598



4284730744



4284922623



4294154229



# Sweetspot

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



4291606598



4294965196



4291577434



4286610273



4278190080



4286611584



# Same Dimension

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



4291606598



4294959414



4288531526



4284900444



4289105152



4280688896



# Inverse Universe

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



4282800844



4281750783



4285875916



4284243302



4278196646

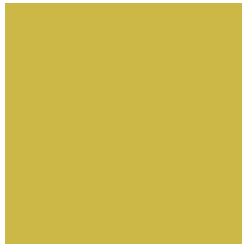


4278191654



# Previews

## White Background



This preview shows how the Android color 4291606598 looks on a white background.

## Color Contrast Check

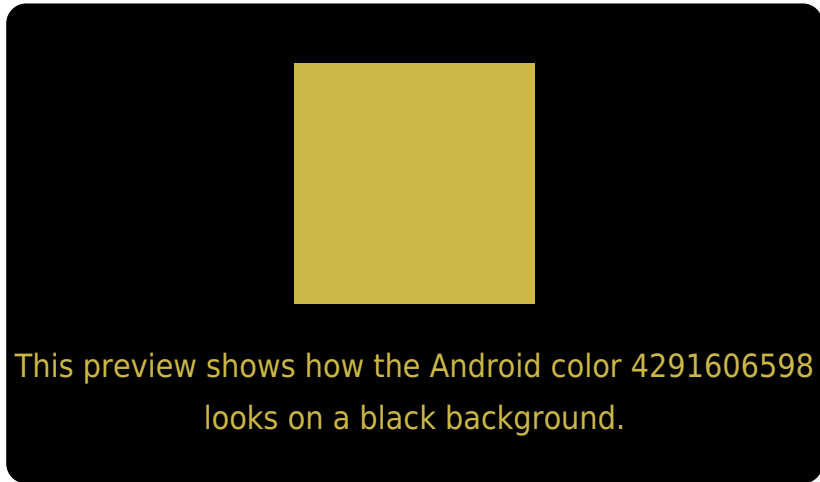
Large Text (above 18pt) WCAG AA × Fail

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 4291606598 Background



This preview shows how black text looks on a background with the Android color 4291606598.



This preview shows how white text looks on a background with the Android color 4291606598.

# 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**  
4291606598

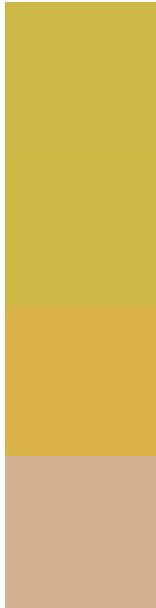
**Protanopia**  
4291672134

**Deuteranopia**  
4293176905



**Tritanopia**  
4292259002

# Trichromacy



**Original Color**  
4291606598

**Protanomaly**  
4291672134

**Deuteranomaly**  
4292588104

**Tritanomaly**  
4291997840

# Monochromacy



**Original Color**  
4291606598

**Achromatopsia**  
4289835441

**Achromatomaly**  
4290491530

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291606598 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, 184, 70)` looks like.

```
.text, #text, p{  
    color:rgb(204, 184, 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(204, 184, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 184, 70) }
```

## Border

The CSS property to change the border of an element to Android 4291606598 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, 184, 70) }
```

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

```
.border{ border-color:rgb(204, 184, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 184, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 184, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 184, 70);  
box-shadow:4px 4px 4px 4px rgb(204, 184,  
70) }
```

# Background

The CSS property to change the background color of an element to Android 4291606598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 184, 70) }
```

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

```
.background{ background-color: rgb(204,  
184, 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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