

# Converting Colors

Android(4291803440)

Have a look what the booklet for  
Android(4291803440) contains.

<b>Android(4291803440)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4291803440)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFB930
RGB	207, 185, 48
RGB Percent	81%, 73%, 19%
CMY	0.1882, 0.2745, 0.8118
CMYK	0.00, 0.11, 0.77, 0.19
HSL	52°, 62%, 50%
HSV	52°, 77%, 81%
XYZ	43.6146, 48.1767, 9.7966
YIQ	175.9600, 57.0890, -37.9430

# Conversions

## Conversions Part 2

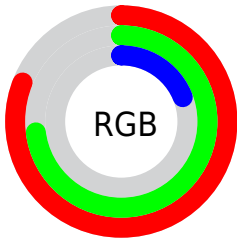
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 207, 48
Decimal	13613360
CIELab	74.94, -6.31, 67.17
CIELCh	75, 67.463, 95.367
Yxy	48.1767, 0.4293, 0.4742
Android (android.graphics.Color)	4291803440 (0xFFCFB930)
YUV	175.9600, -63.0843, 27.2221
Hunter-Lab	69.4095, -9.3031, 40.2183

# Details

The Android color **4291803440** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted orange. A complement of this color would be **4281353935**, and the grayscale version is **4289835441**.

A 20% lighter version of the original color is **4294963561**, and **4287988736** is the 20% darker color. If you saturate the color by 10%, you get **4291802651**, and if you desaturate by 10%, it is **4291804229**.

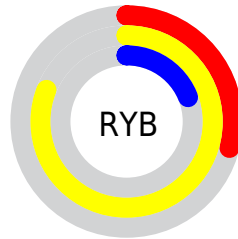
# Distribution



Red (81%)

Green (73%)

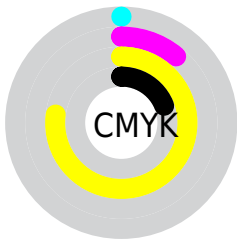
Blue (19%)



Red (29%)

Yellow (81%)

Blue (19%)

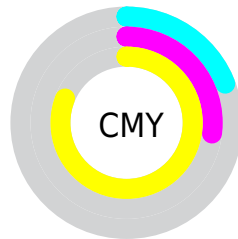


Cyan (0%)

Magenta (11%)

Yellow (77%)

Black (19%)



Cyan (19%)

Magenta (27%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291803440 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 4291803440 by changing the saturation by 10% instead.





4291803440



4291803440

4294967295



4289895944



4294963561



4287988736



4294967173



4286081792



4294967201



4284306176



4294967229



4282531072



4294967258



4280821504



4294967287



4278915840



4278190080



4291803440



4291803440

■ 4291802651

■ 4291804229

■ 4291801863

■ 4291805017

■ 4291801600

■ 4291805806

■ 4291806339

■ 4291807128

■ 4291807916

■ 4291808705

■ 4291809494

■ 4291810282

# Harmonies

## Analogous

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



4294943300



4291803440



4287547724

# Triad

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



4291803440



4278244863



4294937325

# Complementary

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



4291803440



4281353935

# 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.



4291470335



4291803440



4278242815

# Square

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



4291803440



4278245058



4282563839



4294934192

# Rectangle

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



4291803440



4283617390



4282563839



4294677247



# Sweetspot

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



4291803440



4294965188



4291768392



4286610268



4278190080



4286611584



# Same Dimension

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



4291803440



4294958868



4288139056



4285097822



4289237248



4280886016



# Inverse Universe

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



4281353935



4279514623



4285018319



4284375145



4278196136



4278191657



# Previews

## White Background



This preview shows how the Android color 4291803440 looks on a white background.

## Color Contrast Check

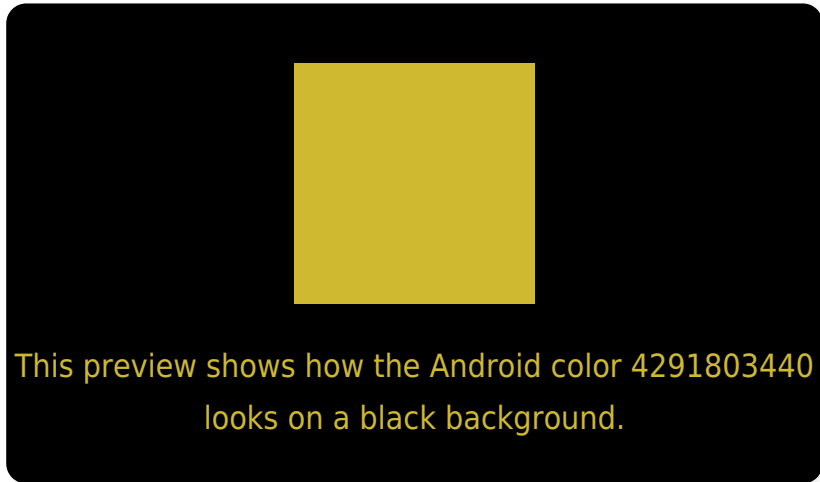
Large Text (above 18pt) WCAG AA × Fail

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 4291803440 Background



This preview shows how black text looks on a background with the Android color 4291803440.



This preview shows how white text looks on a background with the Android color 4291803440.

# 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**  
4291803440

**Protanopia**  
4291803440

**Deuteranopia**  
4293439284



**Tritanopia**  
4292455866

# Trichromacy



**Original Color**  
4291803440

**Protanomaly**  
4291803440

**Deuteranomaly**  
4292850483

**Tritanomaly**  
4292194696

# Monochromacy



**Original Color**  
4291803440

**Achromatopsia**  
4289769648

**Achromatomaly**  
4290491265

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291803440 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(207, 185, 48)` looks like.

```
.text, #text, p{  
    color:rgb(207, 185, 48)  
}
```

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(207, 185, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 185, 48) }
```

## Border

The CSS property to change the border of an element to Android 4291803440 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(207, 185, 48) }
```

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

```
.border{ border-color:rgb(207, 185, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 185, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 185, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 185, 48);  
box-shadow:4px 4px 4px 4px rgb(207, 185,  
48) }
```

# Background

The CSS property to change the background color of an element to Android 4291803440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 185, 48) }
```

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

```
.background{ background-color: rgb(207,  
185, 48) }
```

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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