

# Converting Colors

Android(4291602252)

Have a look what the booklet for  
Android(4291602252) contains.

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# **Color**

**Android(4291602252)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCA74C
RGB	204, 167, 76
RGB Percent	80%, 65%, 30%
CMY	0.2000, 0.3451, 0.7020
CMYK	0.00, 0.18, 0.63, 0.20
HSL	43°, 56%, 55%
HSV	43°, 63%, 80%
XYZ	40.0251, 40.9966, 12.6411
YIQ	167.6890, 51.2630, -20.4570

# Conversions

## Conversions Part 2

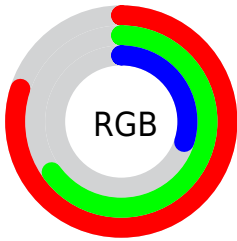
Format	Color
<a href="#">RYB</a>	<a href="#">128, 204, 76</a>
Decimal	<a href="#">13412172</a>
CIELab	<a href="#">70.17, 3.33, 51.01</a>
CIELCh	<a href="#">70, 51.117, 86.259</a>
Yxy	<a href="#">40.9966, 0.4273, 0.4377</a>
Android (android.graphics.Color)	<a href="#">4291602252 (0xFFCCA74C)</a>
YUV	<a href="#">167.6890, -45.2027, 31.8447</a>
Hunter-Lab	<a href="#">64.0286, -0.4675, 33.1145</a>

# Details

The Android color **4291602252** 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 **4283199948**, and the grayscale version is **4289243304**.

A 20% lighter version of the original color is **4294958720**, and **4287853335** is the 20% darker color. If you saturate the color by 10%, you get **4291600696**, and if you desaturate by 10%, it is **4291603808**.

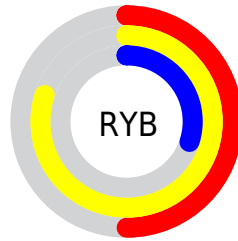
# Distribution



Red (80%)

Green (65%)

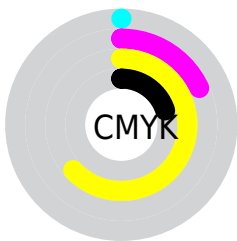
Blue (30%)



Red (50%)

Yellow (80%)

Blue (30%)

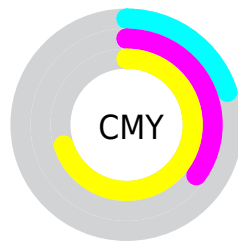


Cyan (0%)

Magenta (18%)

Yellow (63%)

Black (20%)



Cyan (20%)

Magenta (35%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291602252 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 4291602252 by changing the saturation by 10% instead.





4291602252



4291602252

4294967295



4289695026



4294958720



4287853335



4294965915



4286012160



4294967223



4284236800



4294967251



4282461696



4294967280



4280817920



4278845440



4278190080



4291602252



4291602252

4291600696

4291603808

4291599139

4291605365

4291597583

4291606921

4291596544

4291608478

4291609778

4291611334

4291612891

4291614447

4291615999

# Harmonies

## Analogous

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



4293891679



4291602252



4288591189

# Triad

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



4291602252



4278240211



4292841696

# Complementary

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



4291602252



4283199948

# 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.



4289110783



4291602252



4278238712

# Square

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



4291602252



4278240164



4282757887



4294870451

# Rectangle

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



4291602252



4286233705



4282757887



4291794412



# Sweetspot

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



4291602252



4294963663



4291578994



4286609250



4278190080



4286611584



# Same Dimension

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



4291602252



4294953024



4289907788



4284900188



4289099264



4280687360



# Inverse Universe

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



4283199948



4282415103



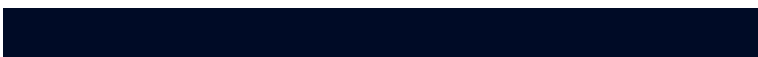
4284894412



4284243814



4278202534



4278192934



# Previews

## White Background



This preview shows how the Android color 4291602252 looks on a white background.

## Color Contrast Check

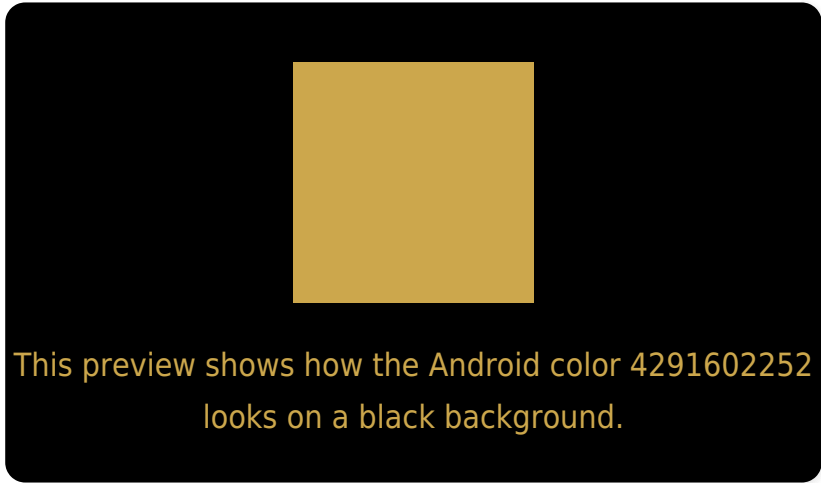
Large Text (above 18pt) WCAG AA × Fail

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 4291602252 Background



This preview shows how black text looks on a background with the Android color 4291602252.



This preview shows how white text looks on a background with the Android color 4291602252.

# 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





**Tritanopia**  
4292124073

# Trichromacy



**Original Color**  
4291602252

**Protanomaly**  
4291078733

**Deuteranomaly**  
4291994701

**Tritanomaly**  
4291928455

# Monochromacy



**Original Color**  
4291602252

**Achromatopsia**  
4289243304

**Achromatomaly**  
4290095239

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291602252 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, 167, 76)` looks like.

```
.text, #text, p{  
    color:rgb(204, 167, 76)  
}
```

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, 167, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 167, 76) }
```

## Border

The CSS property to change the border of an element to Android 4291602252 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, 167, 76) }
```

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

```
.border{ border-color:rgb(204, 167, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 167, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 167, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 167, 76);  
box-shadow:4px 4px 4px 4px rgb(204, 167,  
76) }
```

# Background

The CSS property to change the background color of an element to Android 4291602252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 167, 76) }
```

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

```
.background{ background-color: rgb(204,  
167, 76) }
```

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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