

# Converting Colors

Android(4291270400)

Have a look what the booklet for  
Android(4291270400) contains.

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# **Color**

**Android(4291270400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C79700
RGB	199, 151, 0
RGB Percent	78%, 59%, 0%
CMY	0.2196, 0.4078, 1.0000
CMYK	0.00, 0.24, 1.00, 0.22
HSL	46°, 100%, 39%
HSV	46°, 100%, 78%
XYZ	34.6198, 34.2753, 4.7911
YIQ	148.1380, 77.0790, -36.7850

# Conversions

## Conversions Part 2

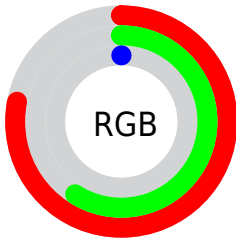
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	63, 199, 0
Decimal	13080320
CIELab	65.18, 7.16, 69.36
CIELCh	65, 69.727, 84.103
Yxy	34.2753, 0.4698, 0.4652
Android (android.graphics.Color)	4291270400 (0xFFC79700)
YUV	148.1380, -73.0320, 44.6060
Hunter-Lab	58.5451, 3.0993, 36.1295

# Details

The Android color **4291270400** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **4278202567**, and the grayscale version is **4287993237**.

A 20% lighter version of the original color is **4294954314**, and **4287390976** is the 20% darker color. If you saturate the color by 10%, you get **4291270400**, and if you desaturate by 10%, it is **4291271700**.

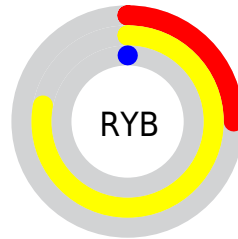
# Distribution



Red (78%)

Green (59%)

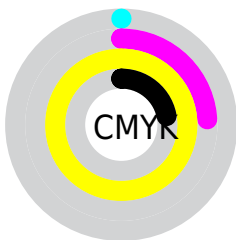
Blue (0%)



Red (25%)

Yellow (78%)

Blue (0%)

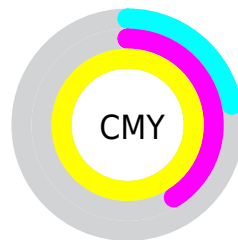


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (22%)



Cyan (22%)

Magenta (41%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291270400 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 4291270400 by changing the saturation by 10% instead.





4291270400



4291270400

4294967295



4289297664



4294954314



4287390976



4294961510



4285484288



4294967170



4283643392



4294967197



4281868544



4294967226



4280290304



4294967255




4278190080




4294967284




4291270400

 4291271700

 4291273000


 4291274044

 4291275344

 4291276644

 4291277943

 4291279243

 4291280287

 4291281587

# Harmonies

## Analogous

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



4294212920



4291270400



4287408662

# Triad

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



4291270400



4278238160



4292703976

# Complementary

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



4291270400



4278202567

# 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.



4286944255



4291270400



4278236927

# Square

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



4291270400



4278237839



4278233599



4294926509

# Rectangle

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



4291270400



4284002877



4278233599



4291199225

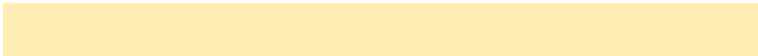


# Sweetspot

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



4291270400



4294962611



4291231794



4286608466



4278190080



4286611584



# Same Dimension

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



4291270400



4294951168



4288005888



4284703066



4288904192



4280556288



# Inverse Universe

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



4278202567



4278206207



4281467079



4284111971



4278200227

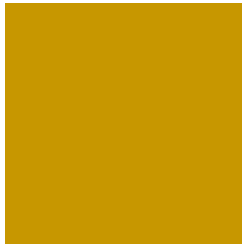


4278192420



# Previews

## White Background



This preview shows how the Android color 4291270400 looks on a white background.

## Color Contrast Check

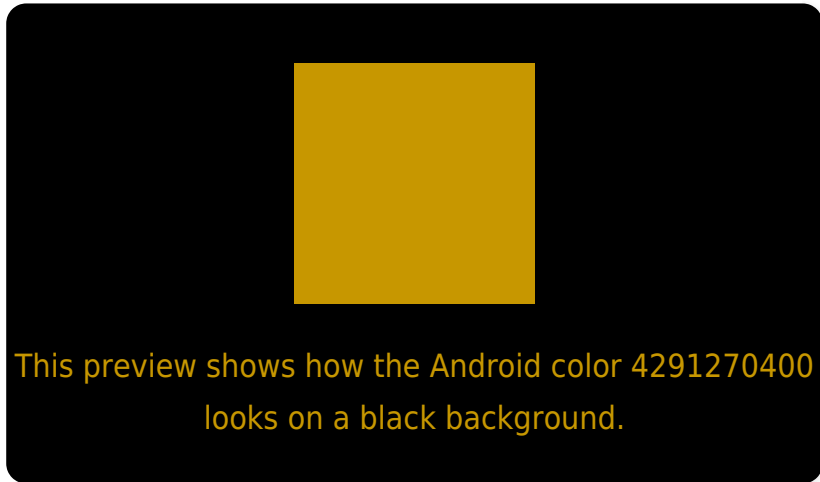
Large Text (above 18pt) WCAG AA × Fail

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 4291270400 Background



This preview shows how black text looks on a background with the Android color 4291270400.



This preview shows how white text looks on a background with the Android color 4291270400.

# 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**


4291270400

**Protanopia**

4289961739

**Deuteranopia**

4291401222



**Tritanopia**  
4291726487

# Trichromacy



**Original Color**  
4291270400

**Protanomaly**  
4290419719

**Deuteranomaly**  
4291335684

**Tritanomaly**  
4291530848

# Monochromacy



**Original Color**  
4291270400

**Achromatopsia**  
4287927444

**Achromatomaly**  
4289172830

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291270400 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(199, 151, 0)` looks like.

```
.text, #text, p{  
    color:rgb(199, 151, 0)  
}
```

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(199, 151, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 151, 0) }
```

## Border

The CSS property to change the border of an element to Android 4291270400 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(199, 151, 0) }
```

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

```
.border{ border-color:rgb(199, 151, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 151, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 151, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 151, 0);  
box-shadow:4px 4px 4px 4px rgb(199, 151,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4291270400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 151, 0) }
```

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

```
.background{ background-color: rgb(199,  
151, 0) }
```

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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