

# Converting Colors

Android(4292976896)

Have a look what the booklet for  
Android(4292976896) contains.

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# **Color**

**Android(4292976896)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1A100
RGB	225, 161, 0
RGB Percent	88%, 63%, 0%
CMY	0.1176, 0.3686, 1.0000
CMYK	0.00, 0.28, 1.00, 0.12
HSL	43°, 100%, 44%
HSV	43°, 100%, 88%
XYZ	43.7962, 41.4973, 5.7015
YIQ	161.7820, 89.8250, -36.5030

# Conversions

## Conversions Part 2

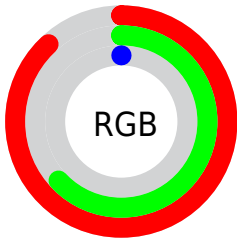
Format	Color
<a href="#">RYB</a>	89, 225, 0
Decimal	14786816
<a href="#">CIELab</a>	70.52, 13.25, 74.35
<a href="#">CIElCh</a>	71, 75.525, 79.897
<a href="#">Yxy</a>	41.4973, 0.4813, 0.4560
Android (android.graphics.Color)	4292976896 (0xFFE1A100)
<a href="#">YUV</a>	161.7820, -79.7585, 55.4422
<a href="#">Hunter-Lab</a>	64.4184, 8.6248, 39.8453

# Details

The Android color **4292976896** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **4278206689**, and the grayscale version is **4288848546**.

A 20% lighter version of the original color is **4294957133**, and **4288966144** is the 20% darker color. If you saturate the color by 10%, you get **4292976896**, and if you desaturate by 10%, it is **4292978454**.

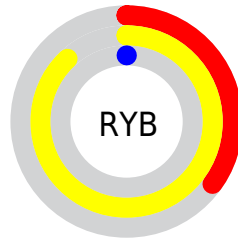
# Distribution



Red (88%)

Green (63%)

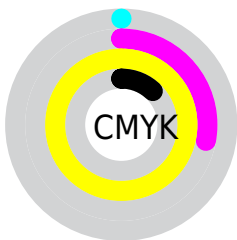
Blue (0%)



Red (35%)

Yellow (88%)

Blue (0%)

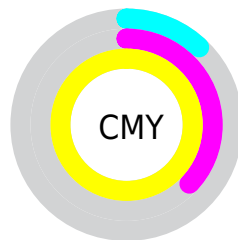


Cyan (0%)

Magenta (28%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (37%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292976896 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 4292976896 by changing the saturation by 10% instead.





4292976896



4292976896

4294967295



4290938624



4294957133



4288966144



4294964330



4286993920



4294967174



4285087488



4294967202



4283246848



4294967230



4281537536



4294967259



4280025088



4294967289



4278190080



4292976896

 4292978454

 4292980269

 4292981828

 4292983642

 4292985201

 4292986759

 4292988573

 4292990132

 4292991947

# Harmonies

## Analogous

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



4294935619



4292976896



4288853766

# Triad

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



4292976896



4278242521



4293428735

# Complementary

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



4292976896



4278206689

# 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.



4286293247



4292976896



4278241535

# Square

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



4292976896



4278242194



4278238207



4294929095

# Rectangle

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



4292976896



4285382968



4278238207



4291596543



# Sweetspot

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



4292976896



4294961587



4292935748



4286607954



4278190080



4286611584



# Same Dimension

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



4292976896



4294948352



4290044160



4285558117



4289756672



4281344768



# Inverse Universe

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



4278206689



4278209023



4281139425



4284835952



4278203056



4278193712



# Previews

## White Background



This preview shows how the Android color 4292976896 looks on a white background.

## Color Contrast Check

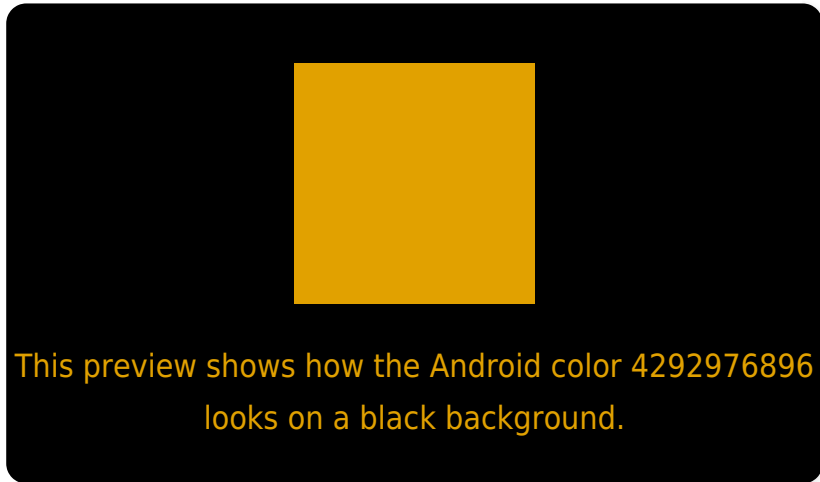
Large Text (above 18pt) WCAG AA × Fail

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 4292976896 Background



This preview shows how black text looks on a background with the Android color 4292976896.



This preview shows how white text looks on a background with the Android color 4292976896.

# 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**  
4292976896

**Protanopia**  
4291013902

**Deuteranopia**  
4292584448



# Trichromacy



**Original Color**  
4292976896

**Protanomaly**  
4291733769

**Deuteranomaly**  
4292715264

**Tritanomaly**  
4293237350

# Monochromacy



**Original Color**  
4292976896

**Achromatopsia**  
4288848546

**Achromatomaly**  
4290355815

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292976896 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(225, 161, 0)` looks like.

```
.text, #text, p{  
    color:rgb(225, 161, 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(225, 161, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 161, 0) }
```

## Border

The CSS property to change the border of an element to Android 4292976896 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(225, 161, 0) }
```

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

```
.border{ border-color:rgb(225, 161, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 161, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 161, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 161, 0);  
box-shadow:4px 4px 4px 4px rgb(225, 161,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4292976896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 161, 0) }
```

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

```
.background{ background-color: rgb(225,  
161, 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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