

# Converting Colors

Android(4294746880)

Have a look what the booklet for  
Android(4294746880) contains.

<b>Android(4294746880)</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(4294746880)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCA300
RGB	252, 163, 0
RGB Percent	99%, 64%, 0%
CMY	0.0118, 0.3608, 1.0000
CMYK	0.00, 0.35, 1.00, 0.01
HSL	39°, 100%, 49%
HSV	39°, 100%, 99%
XYZ	53.2421, 46.8898, 6.2445
YIQ	171.0290, 105.3670, -31.8250

# Conversions

## Conversions Part 2

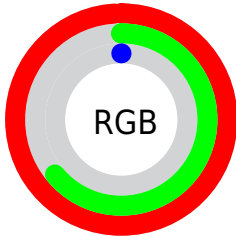
Format	Color
<a href="#">RYB</a>	<a href="#">138, 252, 0</a>
Decimal	<a href="#">16556800</a>
CIELab	<a href="#">74.12, 23.72, 78.25</a>
CIElCh	<a href="#">74, 81.768, 73.134</a>
Yxy	<a href="#">46.8898, 0.5005, 0.4408</a>
Android (android.graphics.Color)	<a href="#">4294746880</a> (0xFFFC300)
YUV	<a href="#">171.0290, -84.3173, 71.0116</a>
Hunter-Lab	<a href="#">68.4762, 18.9554, 42.5265</a>

# Details

The Android color **4294746880** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **4278213116**, and the grayscale version is **4289506476**.

A 20% lighter version of the original color is **4294957647**, and **4290604800** is the 20% darker color. If you saturate the color by 10%, you get **4294746880**, and if you desaturate by 10%, it is **4294749209**.

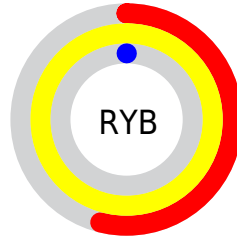
# Distribution



Red (99%)

Green (64%)

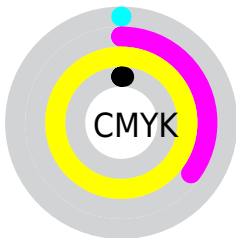
Blue (0%)



Red (54%)

Yellow (99%)

Blue (0%)

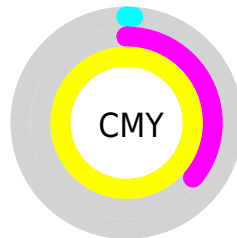


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (1%)



Cyan (1%)

Magenta (36%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294746880 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 4294746880 by changing the saturation by 10% instead.



 4294746880

 4294746880

4294967295

 4292643072

 4294957647

 4290604800

 4294964843

 4288567040

 4294967176

 4286594816


 4294967204

 4284688384

 4294967233

 4282847744

 4294967262

 4281139200

 4294967292

 4278190080

 4294746880

 4294749209

 4294751538

 4294753868

 4294756197

 4294758526

 4294760599

 4294762928

 4294765258

 4294767587

# Harmonies

## Analogous

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



4294935122



4294746880



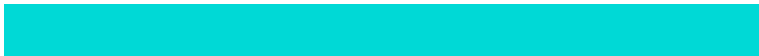
4290493696

# Triad

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



4294746880



4278245846



4293104383

# Complementary

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



4294746880



4278213116

# 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.



4282758399



4294746880



4278245119

# Square

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



4294746880



4278245000



4278242303



4294930660

# Rectangle

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



4294746880



4286957858



4278242303



4290748159



# Sweetspot

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



4294746880



4294960307



4294705244



4286607186



4278190080



4286611584



# Same Dimension

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



4294746880



4294944000



4292541440



4286413168



4290607616



4282198016



# Inverse Universe

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



4278213116



4278213375



4280418556



4285560189



4278207421



4278195773



# Previews

## White Background



This preview shows how the Android color 4294746880 looks on a white background.

## Color Contrast Check

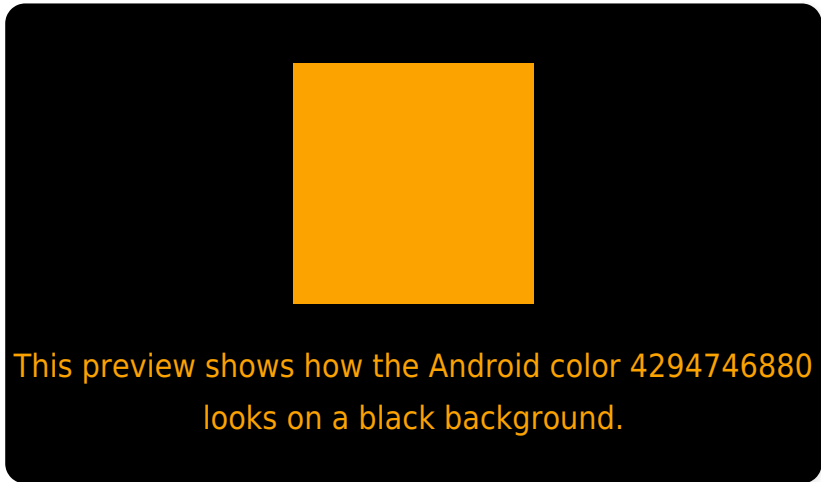
Large Text (above 18pt) WCAG AA × Fail

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 4294746880 Background



This preview shows how black text looks on a background with the Android color 4294746880.



This preview shows how white text looks on a background with the Android color 4294746880.

# 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**  
4294746880

**Protanopia**  
4291737362

**Deuteranopia**  
4293373184



**Tritanopia**  
4294941092

# Trichromacy



**Original Color**  
4294746880

**Protanomaly**  
4292849675

**Deuteranomaly**  
4293896448

**Tritanomaly**  
4294876520

# Monochromacy



**Original Color**  
4294746880

**Achromatopsia**  
4289440683

**Achromatomaly**  
4291340397

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294746880 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(252, 163, 0)` looks like.

```
.text, #text, p{  
    color:rgb(252, 163, 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(252, 163, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 163, 0) }
```

## Border

The CSS property to change the border of an element to Android 4294746880 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(252, 163, 0) }
```

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

```
.border{ border-color:rgb(252, 163, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 163, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 163, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 163, 0);  
box-shadow:4px 4px 4px 4px rgb(252, 163,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4294746880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 163, 0) }
```

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

```
.background{ background-color: rgb(252,  
163, 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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