

# Converting Colors

Android(4294880768)

Have a look what the booklet for  
Android(4294880768) contains.

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# **Color**

**Android(4294880768)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEAE00
RGB	254, 174, 0
RGB Percent	100%, 68%, 0%
CMY	0.0039, 0.3176, 1.0000
CMYK	0.00, 0.31, 1.00, 0.00
HSL	41°, 100%, 50%
HSV	41°, 100%, 100%
XYZ	56.0091, 51.3429, 6.9582
YIQ	178.0840, 103.5340, -37.1540

# Conversions

## Conversions Part 2

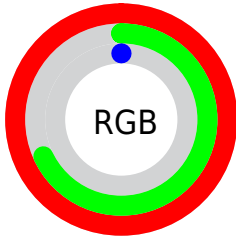
Format	Color
<a href="#">RYB</a>	<a href="#">117, 254, 0</a>
Decimal	<a href="#">16690688</a>
CIELab	<a href="#">76.89, 18.82, 80.19</a>
CIELCh	<a href="#">77, 82.367, 76.794</a>
Yxy	<a href="#">51.3429, 0.4900, 0.4492</a>
Android (android.graphics.Color)	<a href="#">4294880768</a> ( <a href="#">0xFFFEAE00</a> )
YUV	<a href="#">178.0840, -87.7954, 66.5783</a>
Hunter-Lab	<a href="#">71.6540, 14.1320, 44.4003</a>

# Details

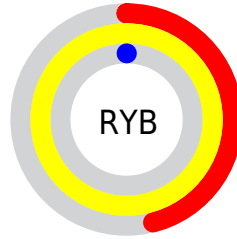
The Android color **4294880768** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **4278210814**, and the grayscale version is **4289967027**.

A 20% lighter version of the original color is **4294960465**, and **4290738688** is the 20% darker color. If you saturate the color by 10%, you get **4294880768**, and if you desaturate by 10%, it is **4294882841**.

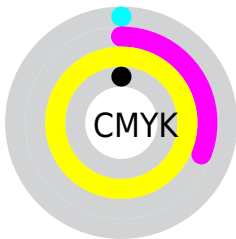
# Distribution



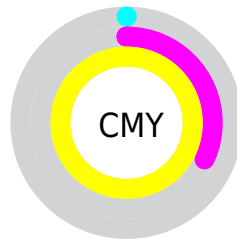
- Red (100%)
- Green (68%)
- Blue (0%)



- Red (46%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (32%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294880768 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 4294880768 by changing the saturation by 10% instead.





4294880768



4294880768

4294967295



4292776704



4294960465



4290738688



4294967150



4288766208



4294967179



4286728448



4294967207



4284822272



4294967236



4282981632



4294967265



4281272320



4279107584



4278190080

 4294880768

 4294882841

 4294884915

 4294886988

 4294889062

 4294891135

 4294893208

 4294895282

 4294897355

 4294899429

# Harmonies

## Analogous

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



4294937936



4294880768



4290430720

# Triad

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



4294880768



4278247912



4294415871

# Complementary

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



4294880768



4278210814

# 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.



4285643007



4294880768



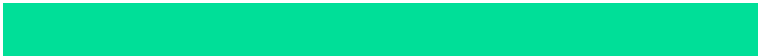
4278246911

# Square

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



4294880768



4278247320



4278243583



4294931939

# Rectangle

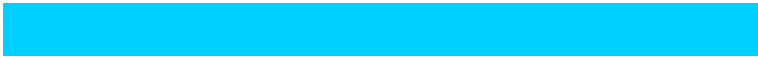
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294880768



4286698292



4278243583



4292190719



# Sweetspot

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



4294880768



4294961075



4294836304



4286607698



4278190080



4286611584



# Same Dimension

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



4294880768



4294946560



4291821056



4286610291



4290740992



4282395648



# Inverse Universe

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



4278210814



4278210815



4281270526



4285757312



4278205631



4278195264



# Previews

## White Background



This preview shows how the Android color 4294880768 looks on a white background.

## Color Contrast Check

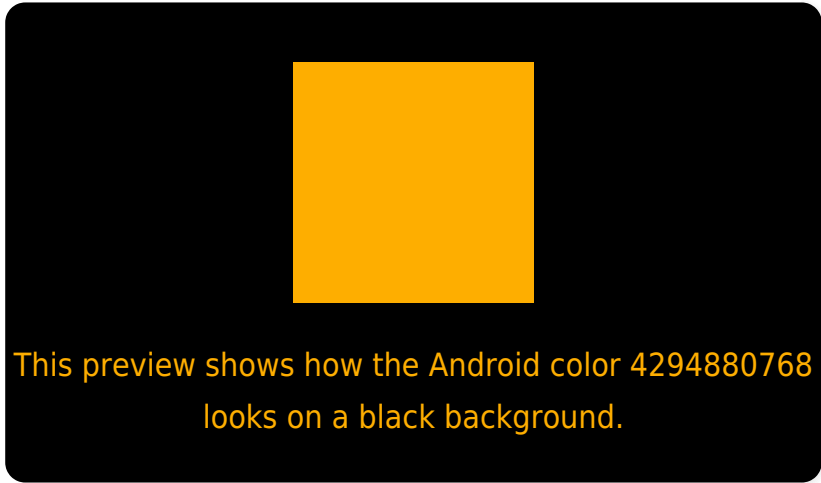
Large Text (above 18pt) WCAG AA × Fail

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 4294880768 Background



This preview shows how black text looks on a background with the Android color 4294880768.



This preview shows how white text looks on a background with the Android color 4294880768.

# 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**  
4294880768

**Protanopia**  
4292329232

**Deuteranopia**  
4293964800



**Tritanopia**  
4294944176

# Trichromacy



**Original Color**  
4294880768

**Protanomaly**  
4293245194

**Deuteranomaly**  
4294291968

**Tritanomaly**  
4294944880

# Monochromacy



**Original Color**  
4294880768

**Achromatopsia**  
4289901234

**Achromatomaly**  
4291735921

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294880768 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(254, 174, 0)` looks like.

```
.text, #text, p{  
    color:rgb(254, 174, 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(254, 174, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 174, 0) }
```

## Border

The CSS property to change the border of an element to Android 4294880768 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(254, 174, 0) }
```

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

```
.border{ border-color:rgb(254, 174, 0) }
```

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

Here you see how a box with a 4 pixel rgb(254, 174, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 174, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 174, 0);  
box-shadow:4px 4px 4px 4px rgb(254, 174,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4294880768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 174, 0) }
```

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

```
.background{ background-color: rgb(254,  
174, 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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