

# Converting Colors

Android(4294415924)

Have a look what the booklet for  
Android(4294415924) contains.

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# **Color**

**Android(4294415924)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F79634
RGB	247, 150, 52
RGB Percent	97%, 59%, 20%
CMY	0.0314, 0.4118, 0.7961
CMYK	0.00, 0.39, 0.79, 0.03
HSL	30°, 92%, 59%
HSV	30°, 79%, 97%
XYZ	49.8840, 41.8348, 8.6946
YIQ	167.8310, 89.2700, -9.9140

# Conversions

## Conversions Part 2

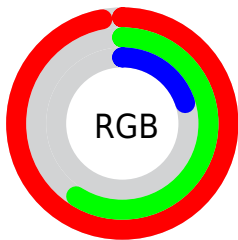
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 247, 52
Decimal	16225844
CIE <sub>Lab</sub>	70.76, 29.36, 63.46
CIE <sub>LCh</sub>	71, 69.921, 65.169
Yxy	41.8348, 0.4968, 0.4166
Android (android.graphics.Color)	4294415924 (0xFFFF79634)
YUV	167.8310, -57.1047, 69.4312
Hunter-Lab	64.6798, 24.4775, 37.3058

# Details

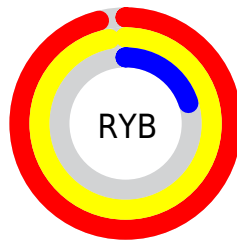
The Android color **4294415924** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **4281636343**, and the grayscale version is **4289243304**.

A 20% lighter version of the original color is **4294954346**, and **4290339328** is the 20% darker color. If you saturate the color by 10%, you get **4294412827**, and if you desaturate by 10%, it is **4294419021**.

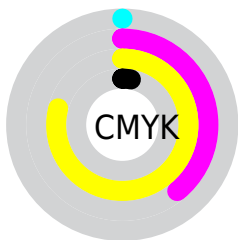
# Distribution



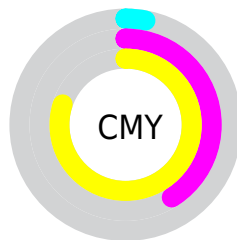
- Red (97%)
- Green (59%)
- Blue (20%)



- Red (96%)
- Yellow (97%)
- Blue (20%)



- Cyan (0%)
- Magenta (39%)
- Yellow (79%)
- Black (3%)



- Cyan (3%)
- Magenta (41%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294415924 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 4294415924 by changing the saturation by 10% instead.





4294415924



4294415924

4294967295



4292377621



4294954346



4290339328



4294961541



4288301568



4294967200



4286329344



4294967228



4284422912



4294967256



4282581504



4294967286



4281008129



4278190080



4294415924



4294415924

 4294412827

 4294419021

 4294409475

 4294422373

 4294409216

 4294425470

 4294428567

 4294431664

 4294435016

 4294438113

 4294441210

 4294443007

# Harmonies

## Analogous

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



4294933607



4294415924



4291014168

# Triad

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



4294415924



4278242231



4290615295

# Complementary

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



4294415924



4281636343

# 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.



4278235647



4294415924



4278242037

# Square

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



4294415924



4278241141



4278239999



4294933732

# Rectangle

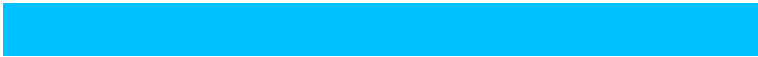
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294415924



4288264491



4278239999



4288324095



# Sweetspot

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



4294415924



4294959554



4294390934



4286606683



4278190080



4286611584



# Same Dimension

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



4294415924



4294936077



4294440756



4286215278



4290403840



4282064128



# Inverse Universe

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



4281636343



4279076351



4281611511



4285428858



4278214074



4278197563



# Previews

## White Background



This preview shows how the Android color 4294415924 looks on a white background.

## Color Contrast Check

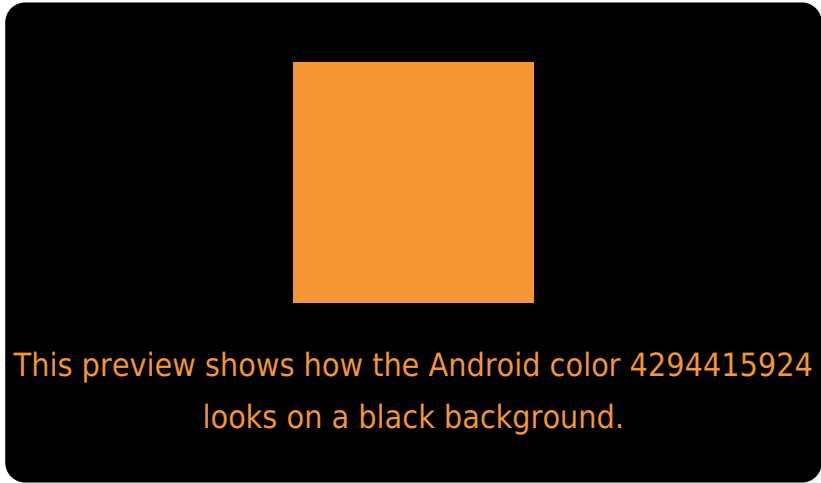
Large Text (above 18pt) WCAG AA × Fail

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 4294415924 Background



This preview shows how black text looks on a background with the Android color 4294415924.



This preview shows how white text looks on a background with the Android color 4294415924.

# 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**  
4294415924

**Protanopia**  
4290948666

**Deuteranopia**  
4292519214



**Tritanopia**  
4294741143

# Trichromacy



**Original Color**  
4294415924

**Protanomaly**  
4292191544

**Deuteranomaly**  
4293238832

**Tritanomaly**  
4294611059

# Monochromacy



**Original Color**  
4294415924

**Achromatopsia**  
4289243304

**Achromatomaly**  
4291142014

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294415924 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(247, 150, 52)` looks like.

```
.text, #text, p{  
    color:rgb(247, 150, 52)  
}
```

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(247, 150, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 150, 52) }
```

## Border

The CSS property to change the border of an element to Android 4294415924 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(247, 150, 52) }
```

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

```
.border{ border-color:rgb(247, 150, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 150, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 150, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 150, 52);  
box-shadow:4px 4px 4px 4px rgb(247, 150,  
52) }
```

# Background

The CSS property to change the background color of an element to Android 4294415924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 150, 52) }
```

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

```
.background{ background-color: rgb(247,  
150, 52) }
```

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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