

# Converting Colors

Android(4294933040)

Have a look what the booklet for  
Android(4294933040) contains.

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# **Color**

**Android(4294933040)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7A30
RGB	255, 122, 48
RGB Percent	100%, 48%, 19%
CMY	0.0000, 0.5216, 0.8118
CMYK	0.00, 0.52, 0.81, 0.00
HSL	21°, 100%, 59%
HSV	21°, 81%, 100%
XYZ	48.7330, 35.3925, 7.0592
YIQ	153.3310, 103.0220, 5.1820

# Conversions

## Conversions Part 2

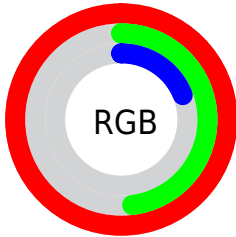
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 163, 48
Decimal	16742960
CIE <sub>Lab</sub>	66.05, 46.51, 61.13
CIE <sub>LCh</sub>	66, 76.809, 52.732
Yxy	35.3925, 0.5344, 0.3881
Android (android.graphics.Color)	4294933040 (0xFFFF7A30)
YUV	153.3310, -51.9282, 89.1637
Hunter-Lab	59.4916, 42.1096, 34.6088

# Details

The Android color **4294933040** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **4281382399**, and the grayscale version is **4288322202**.

A 20% lighter version of the original color is **4294947172**, and **4290725120** is the 20% darker color. If you saturate the color by 10%, you get **4294928919**, and if you desaturate by 10%, it is **4294937162**.

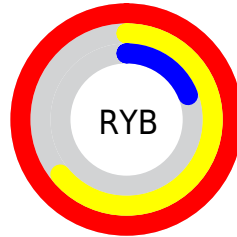
# Distribution



Red (100%)

Green (48%)

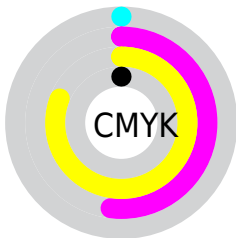
Blue (19%)



Red (100%)

Yellow (64%)

Blue (19%)

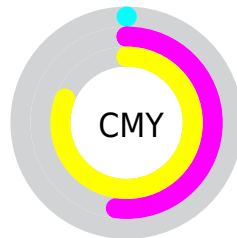


Cyan (0%)

Magenta (52%)

Yellow (81%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294933040 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 4294933040 by changing the saturation by 10% instead.



 4294933040

 4294933040

4294967295

 4292828947

 4294947172

 4290725120

 4294954366

 4288686592

 4294961817

 4286646272

 4294967221

 4284612608

 4294967249

 4282712064

 4294967278

 4280942593

 4278190080

 4294933040

 4294933040

4294928919

4294937162

4294925056

4294941539

4294945661

4294950038

4294954160

4294958281

4294962659

4294966780

4294967295

# Harmonies

## Analogous

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



4294925424



4294933040



4291729408

# Triad

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



4294933040



4278239117



4286224127

# Complementary

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



4294933040



4281382399

# 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.



4278234879



4294933040



4278239444

# Square

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



4294933040



4280334662



4278238207



4293031157

# Rectangle

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



4294933040



4289046272



4278238207



4280918015



# Sweetspot

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



4294933040



4294957250



4294914231



4286605403



4278190080



4286611584



# Same Dimension

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



4294933040



4294926344



4294959152



4286609267



4290724864



4282390272

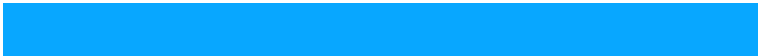


# Inverse Universe

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



4281382399



4278757375



4281356287



4285758336



4278221759



4278200640



# Previews

## White Background



This preview shows how the Android color 4294933040 looks on a white background.

## Color Contrast Check

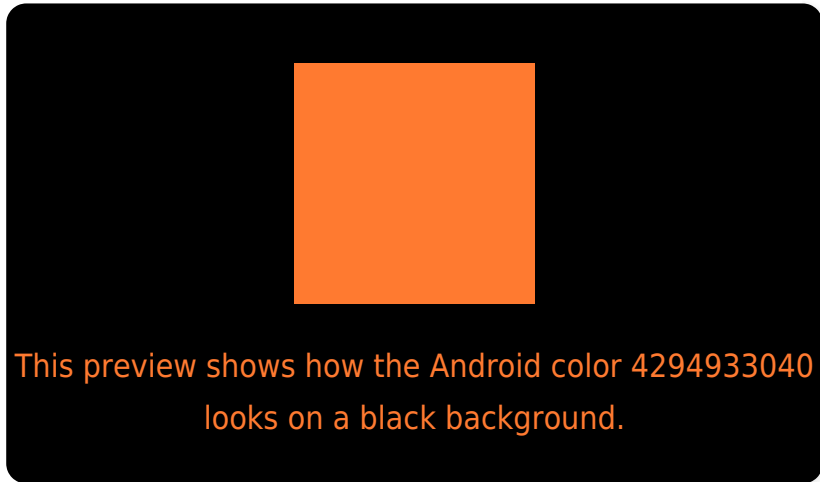
Large Text (above 18pt) WCAG AA × Fail

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 4294933040 Background



This preview shows how black text looks on a background with the Android color 4294933040.



This preview shows how white text looks on a background with the Android color 4294933040.

# 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**  
4294933040

**Protanopia**  
4290027834

**Deuteranopia**  
4291533092



**Tritanopia**  
4294931836

# Trichromacy



**Original Color**  
4294933040

**Protanomaly**  
4291793718

**Deuteranomaly**  
4292775464

**Tritanomaly**  
4294932320

# Monochromacy



**Original Color**  
4294933040

**Achromatopsia**  
4288256409

**Achromatomaly**  
4290678387

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294933040 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(255, 122, 48)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 48)  
}
```

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(255, 122, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 48) }
```

## Border

The CSS property to change the border of an element to Android 4294933040 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(255, 122, 48) }
```

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

```
.border{ border-color:rgb(255, 122, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 122, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 122, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 122, 48);  
box-shadow:4px 4px 4px 4px rgb(255, 122,  
48) }
```

# Background

The CSS property to change the background color of an element to Android 4294933040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 122, 48) }
```

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

```
.background{ background-color: rgb(255,  
122, 48) }
```

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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