

# Converting Colors

Android(4294342217)

Have a look what the booklet for  
Android(4294342217) contains.

<b>Android(4294342217)</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(4294342217)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F67649
RGB	246, 118, 73
RGB Percent	96%, 46%, 29%
CMY	0.0353, 0.5373, 0.7137
CMYK	0.00, 0.52, 0.70, 0.04
HSL	16°, 91%, 63%
HSV	16°, 70%, 96%
XYZ	45.6871, 33.0307, 10.2709
YIQ	151.1420, 90.7330, 13.1410

# Conversions

## Conversions Part 2

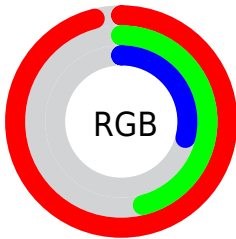
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	246, 134, 73
Decimal	16152137
CIE <sub>Lab</sub>	64.19, 46.04, 47.21
CIE <sub>LCh</sub>	64, 65.944, 45.716
Yxy	33.0307, 0.5134, 0.3712
Android (android.graphics.Color)	4294342217 (0xFFFF67649)
YUV	151.1420, -38.5240, 83.1905
Hunter-Lab	57.4724, 41.3201, 29.6349

# Details

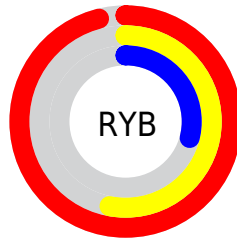
The Android color **4294342217** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **4283025910**, and the grayscale version is **4288124823**.

A 20% lighter version of the original color is **4294946171**, and **4290199833** is the 20% darker color. If you saturate the color by 10%, you get **4294337584**, and if you desaturate by 10%, it is **4294346850**.

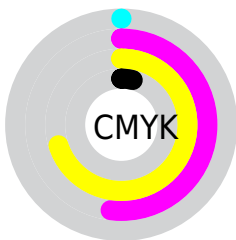
# Distribution



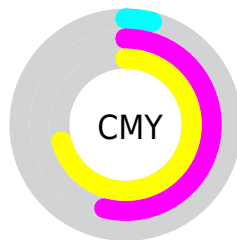
- Red (96%)
- Green (46%)
- Blue (29%)



- Red (96%)
- Yellow (53%)
- Blue (29%)



- Cyan (0%)
- Magenta (52%)
- Yellow (70%)
- Black (4%)



- Cyan (4%)
- Magenta (54%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294342217 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 4294342217 by changing the saturation by 10% instead.



 4294342217

 4294342217

4294967295

 4292238129

 4294946171

 4290199833

 4294953366

 4288226816

 4294960561

 4286185728

 4294967245

 4284219392

 4294967273

 4282384384

 4280483841

 4278190080

 4294342217

 4294342217

4294337584

4294346850

4294332952

4294351482

4294328320

4294356371

4294361003

4294365636

4294370269

4294374901

4294377471

# Harmonies

## Analogous

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



4294927231



4294342217



4291858204

# Triad

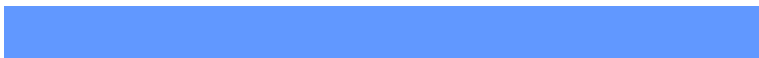
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4294342217



4278236796



4284586239

# Complementary

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



4294342217



4283025910

# 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.



4278233855



4294342217



4278237114

# Square

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



4294342217



4283871043



4278236399



4291133166

# Rectangle

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



4294342217



4289698830



4278236399



4278231039

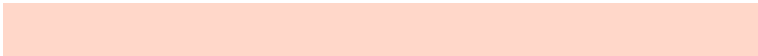


# Sweetspot

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



4294342217



4294957001



4294330827



4286605408



4278190080



4286611584



# Same Dimension

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



4294342217



4294926633



4294363977



4286214510



4290392064



4282060544



# Inverse Universe

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



4283025910



4280928255



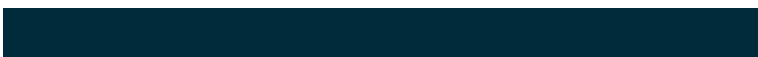
4283004150



4285429626



4278225594



4278201147



# Previews

## White Background



This preview shows how the Android color 4294342217 looks on a white background.

## Color Contrast Check

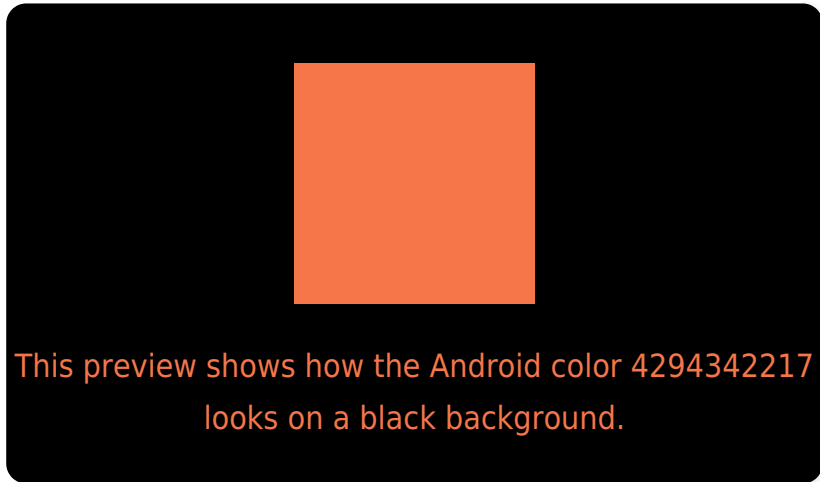
Large Text (above 18pt) WCAG AA × Fail

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 4294342217 Background



This preview shows how black text looks on a background with the Android color 4294342217.



This preview shows how white text looks on a background with the Android color 4294342217.

# 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**  
4294342217

**Protanopia**  
4289502293

**Deuteranopia**  
4290942018



# Trichromacy



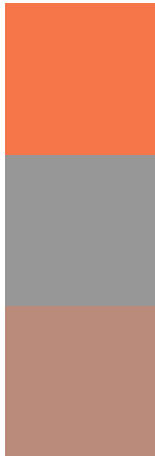
**Original Color**  
4294342217

**Protanomaly**  
4291268177

**Deuteranomaly**  
4292184389

**Tritanomaly**  
4294406759

# Monochromacy



**Original Color**  
4294342217

**Achromatopsia**  
4288124823

**Achromatomaly**  
4290415483

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294342217 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(246, 118, 73)` looks like.

```
.text, #text, p{  
    color:rgb(246, 118, 73)  
}
```

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(246, 118, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 118, 73) }
```

## Border

The CSS property to change the border of an element to Android 4294342217 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(246, 118, 73) }
```

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

```
.border{ border-color:rgb(246, 118, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 118, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 118, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 118, 73);  
box-shadow:4px 4px 4px 4px rgb(246, 118,  
73) }
```

# Background

The CSS property to change the background color of an element to Android 4294342217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 118, 73) }
```

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

```
.background{ background-color: rgb(246,  
118, 73) }
```

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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