

# Converting Colors

Android(4294929206)

Have a look what the booklet for  
Android(4294929206) contains.

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# **Color**

**Android(4294929206)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF6B36
RGB	255, 107, 54
RGB Percent	100%, 42%, 21%
CMY	0.0000, 0.5804, 0.7882
CMYK	0.00, 0.58, 0.79, 0.00
HSL	16°, 100%, 61%
HSV	16°, 79%, 100%
XYZ	47.1635, 32.0417, 7.1889
YIQ	145.2100, 105.2210, 14.8930

# Conversions

## Conversions Part 2

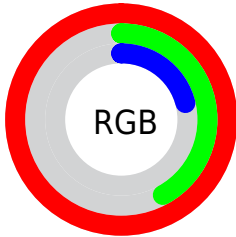
Format	Color
<a href="#">RYB</a>	<a href="#">255, 126, 54</a>
Decimal	<a href="#">16739126</a>
CIELab	<a href="#">63.38, 53.70, 56.02</a>
CIElCh	<a href="#">63, 77.605, 46.212</a>
Yxy	<a href="#">32.0417, 0.5459, 0.3709</a>
Android (android.graphics.Color)	<a href="#">4294929206 (0xFFFF6B36)</a>
YUV	<a href="#">145.2100, -44.9665, 96.2858</a>
Hunter-Lab	<a href="#">56.6054, 49.6665, 32.0939</a>

# Details

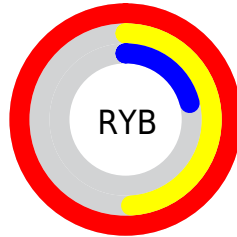
The Android color **4294929206** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **4281780991**, and the grayscale version is **4287795858**.

A 20% lighter version of the original color is **4294943336**, and **4290720512** is the 20% darker color. If you saturate the color by 10%, you get **4294924316**, and if you desaturate by 10%, it is **4294934096**.

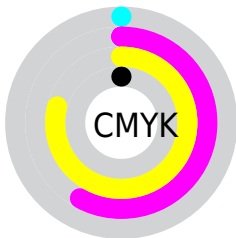
# Distribution



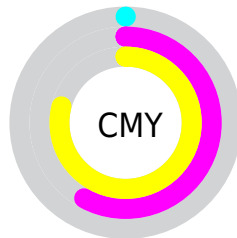
- Red (100%)
- Green (42%)
- Blue (21%)



- Red (100%)
- Yellow (49%)
- Blue (21%)



- Cyan (0%)
- Magenta (58%)
- Yellow (79%)
- Black (0%)



- Cyan (0%)
- Magenta (58%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294929206 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 4294929206 by changing the saturation by 10% instead.





4294929206



4294929206

4294967295



4292825116



4294943336



4290720512



4294950787



4288614400



4294957981



4286578688



4294965689



4284547072



4294967253



4282646529



4294967282



4280745985



4278190080



4294929206



4294929206

4294924316

4294934096

4294919427

4294938985

4294918912

4294943619

4294948508

4294953397

4294958287

4294962921

4294967295

# Harmonies

## Analogous

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



4294921847



4294929206



4291988224

# Triad

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



4294929206



4278236790



4282488319

# Complementary

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



4294929206



4281780991

# 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.



4278234111



4294929206



4278237630

# Square

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



4294929206



4282167342



4278236668



4291458298

# Rectangle

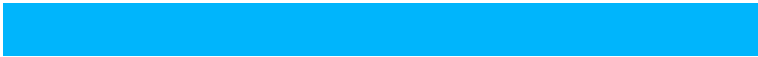
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294929206



4289436416



4278236668



4278230527



# Sweetspot

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



4294929206



4294955714



4294915789



4286604379



4278190080



4286611584



# Same Dimension

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



4294929206



4294921485



4294954294



4286609011



4290720256



4282388736



# Inverse Universe

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



4281780991



4279091199



4281755903



4285758592



4278226367



4278202176



# Previews

## White Background



This preview shows how the Android color 4294929206 looks on a white background.

## Color Contrast Check

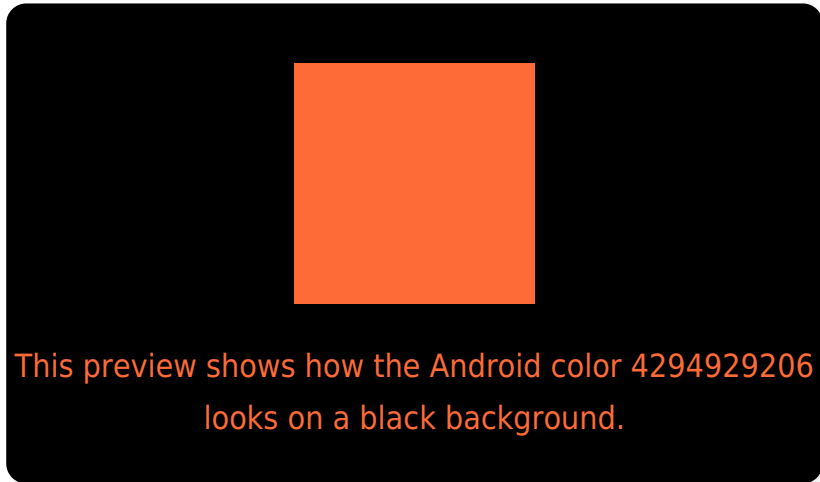
Large Text (above 18pt) WCAG AA × Fail

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 4294929206 Background



This preview shows how black text looks on a background with the Android color 4294929206.



This preview shows how white text looks on a background with the Android color 4294929206.

# 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**  
4294929206

**Protanopia**  
4289436227

**Deuteranopia**  
4290875946



# Trichromacy



**Original Color**  
4294929206

**Protanomaly**  
4291463486

**Deuteranomaly**  
4292379694

**Tritanomaly**  
4294928473

# Monochromacy



**Original Color**  
4294929206

**Achromatopsia**  
4287730065

**Achromatomaly**  
4290347888

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294929206 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, 107, 54)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 54)  
}
```

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, 107, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 54) }
```

## Border

The CSS property to change the border of an element to Android 4294929206 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, 107, 54) }
```

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

```
.border{ border-color:rgb(255, 107, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 107, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 54);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
54) }
```

# Background

The CSS property to change the background color of an element to Android 4294929206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 54) }
```

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

```
.background{ background-color: rgb(255,  
107, 54) }
```

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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