

Converting Colors

Android(4294274097)

Have a look what the booklet for
Android(4294274097) contains.

| | |
|--|----|
| Android(4294274097) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Android(4294274097)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F56C31 |
| RGB | 245, 108, 49 |
| RGB Percent | 96%, 42%, 19% |
| CMY | 0.0392, 0.5765, 0.8078 |
| CMYK | 0.00, 0.56, 0.80, 0.04 |
| HSL | 18°, 91%, 58% |
| HSV | 18°, 80%, 96% |
| XYZ | 43.5731, 30.3594, 6.4691 |
| YIQ | 142.2370, 100.5910, 10.6950 |

Conversions

Conversions Part 2

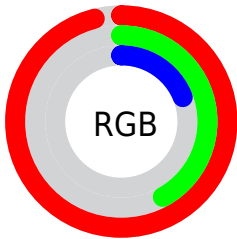
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 245, 133, 49 |
| Decimal | 16084017 |
| CIE Lab | 61.96, 49.49, 56.38 |
| CIE LCh | 62, 75.016, 48.724 |
| Yxy | 30.3594, 0.5419, 0.3776 |
| Android (android.graphics.Color) | 4294274097 (0xFFFF56C31) |
| YUV | 142.2370, -45.9658, 90.1232 |
| Hunter-Lab | 55.0993, 44.7359, 31.6084 |

Details

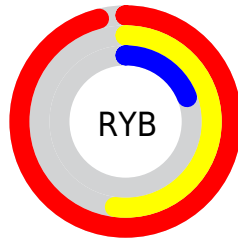
The Android color **4294274097** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **4281449205**, and the grayscale version is **4287598479**.

A 20% lighter version of the original color is **4294943588**, and **4290065920** is the 20% darker color. If you saturate the color by 10%, you get **4294269720**, and if you desaturate by 10%, it is **4294278474**.

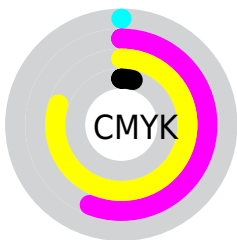
Distribution



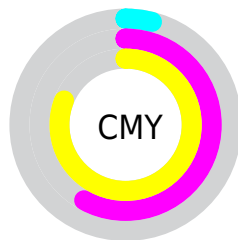
- Red (96%)
- Green (42%)
- Blue (19%)



- Red (96%)
- Yellow (52%)
- Blue (19%)



- Cyan (0%)
- Magenta (56%)
- Yellow (80%)
- Black (4%)



- Cyan (4%)
- Magenta (58%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294274097 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 4294274097 by changing the saturation by 10% instead.



4294274097



4294274097

4294967295



4292170007



4294943588



4290065920



4294950782



4288026368



4294957976



4285988864



4294965684



4284022784



4294967248



4282187777



4294967277



4280025089



4278190080



4294274097



4294274097

4294269720

4294278474

4294265344

4294282850

4294287227

4294291859

4294296235

4294300612

4294304989

4294309365

4294311935

Harmonies

Analogous

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



4294922351



4294274097



4291398144

Triad

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



4294274097



4278235769



4283928575

Complementary

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



4294274097



4281449205

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.



4278232575



4294274097



4278236351

Square

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



4294274097



4281445429



4278235385



4291522542

Rectangle

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



4294274097



4288846080



4278235385



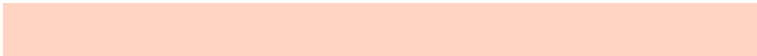
4278229247

Sweetspot

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



4294274097



4294956226



4294259130



4286604891



4278190080



4286611584

Same Dimension

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



4294274097



4294923274



4294299185



4286214766



4290394112



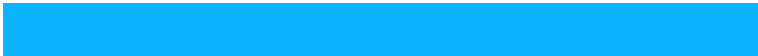
4282061312

Inverse Universe

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



4281449205



4278892031



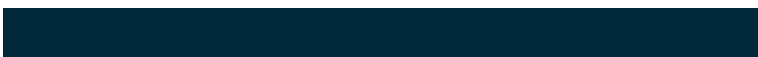
4281424117



4285429626



4278223546



4278200635

Previews

White Background



This preview shows how the Android color 4294274097 looks on a white background.

Color Contrast Check

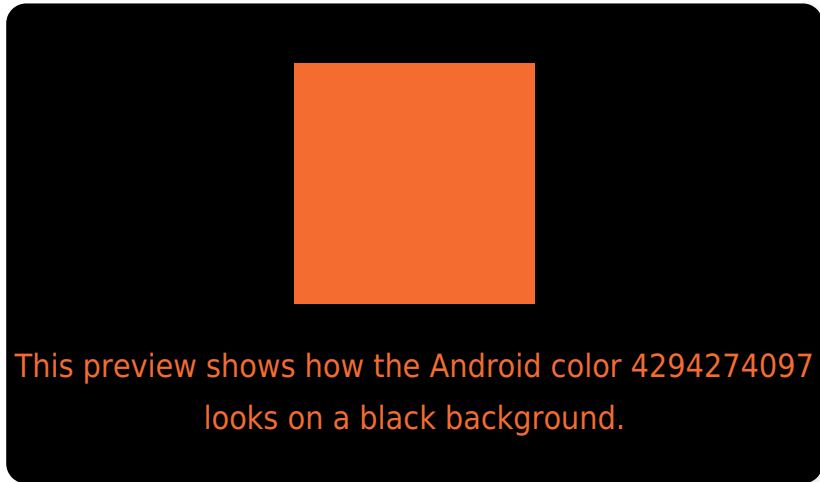
Large Text (above 18pt) WCAG AA × Fail

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 4294274097 Background



This preview shows how black text looks on a background with the Android color 4294274097.



This preview shows how white text looks on a background with the Android color 4294274097.

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



Trichromacy



Original Color
4294274097

Protanomaly
4291004217

Deuteranomaly
4291920425

Tritanomaly
4294338647

Monochromacy



Original Color
4294274097

Achromatopsia
4287532686

Achromatomaly
4289954412

CSS Examples

Text

The CSS property to change the color of the text to Android 4294274097 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(245, 108, 49)` looks like.

```
.text, #text, p{  
    color:rgb(245, 108, 49)  
}
```

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(245, 108, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 108, 49) }
```

Border

The CSS property to change the border of an element to Android 4294274097 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(245, 108, 49) }
```

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

```
.border{ border-color:rgb(245, 108, 49) }
```

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

Here you see how a box with a 4 pixel rgb(245, 108, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 108, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 108, 49);  
box-shadow:4px 4px 4px 4px rgb(245, 108,  
49) }
```

Background

The CSS property to change the background color of an element to Android 4294274097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 108, 49) }
```

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

```
.background{ background-color: rgb(245,  
108, 49) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor