

# Converting Colors

Android(4294734367)

Have a look what the booklet for  
Android(4294734367) contains.

<b>Android(4294734367)</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(4294734367)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC721F
RGB	252, 114, 31
RGB Percent	99%, 45%, 12%
CMY	0.0118, 0.5529, 0.8784
CMYK	0.00, 0.55, 0.88, 0.01
HSL	23°, 97%, 55%
HSV	23°, 88%, 99%
XYZ	46.4095, 32.8290, 5.1869
YIQ	145.8000, 108.8910, 3.4430

# Conversions

## Conversions Part 2

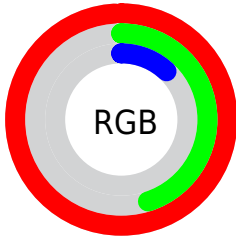
Format	Color
<b>RYB</b>	252, 164, 31
Decimal	16544287
CIELab	64.02, 48.80, 65.47
CIELCh	64, 81.656, 53.298
Yxy	32.8290, 0.5497, 0.3889
Android (android.graphics.Color)	4294734367 (0xFFFC721F)
YUV	145.8000, -56.5964, 93.1374
Hunter-Lab	57.2966, 44.3137, 34.7403

# Details

The Android color **4294734367** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **4280265212**, and the grayscale version is **4287795858**.

A 20% lighter version of the original color is **4294945110**, and **4290526208** is the 20% darker color. If you saturate the color by 10%, you get **4294730246**, and if you desaturate by 10%, it is **4294738488**.

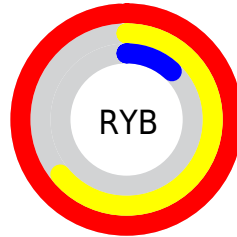
# Distribution



Red (99%)

Green (45%)

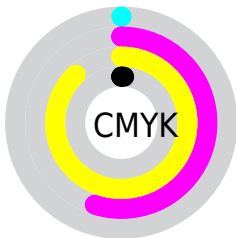
Blue (12%)



Red (99%)

Yellow (64%)

Blue (12%)

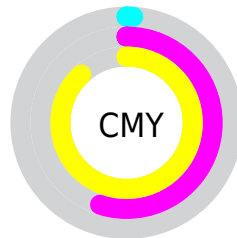


Cyan (0%)

Magenta (55%)

Yellow (88%)

Black (1%)



Cyan (1%)

Magenta (55%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294734367 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 4294734367 by changing the saturation by 10% instead.





4294734367



4294734367

4294967295



4292630272



4294945110



4290526208



4294952304



4288421888



4294959755



4286382080



4294967206



4284350464



4294967234



4282515456



4294967263



4280614913



4294967292



4278190080



4294734367



4294734367

■ 4294730246

■ 4294738488

■ 4294729472

■ 4294742353

■ 4294746475

■ 4294750596

■ 4294754717

■ 4294758582

■ 4294762703

■ 4294766825

■ 4294770687

# Harmonies

## Analogous

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



4294921830



4294734367



4291334656

# Triad

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



4294734367



4278237832



4285566975

# Complementary

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



4294734367



4280265212

# 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.



4278233599



4294734367



4278238163

# Square

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



4294734367



4278236219



4278237183



4292963059

# Rectangle

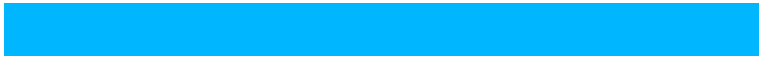
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294734367



4288520704



4278237183



4278229503



# Sweetspot

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



4294734367



4294956733



4294713259



4286605144



4278190080



4286611584



# Same Dimension

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



4294734367



4294926336



4294762271



4286412144



4290594560



4282193664

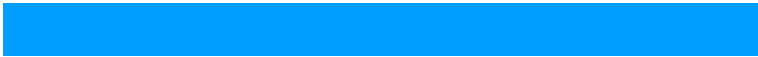


# Inverse Universe

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



4280265212



4278231039



4280237308



4285560957



4278220477



4278199869



# Previews

## White Background



This preview shows how the Android color 4294734367 looks on a white background.

## Color Contrast Check

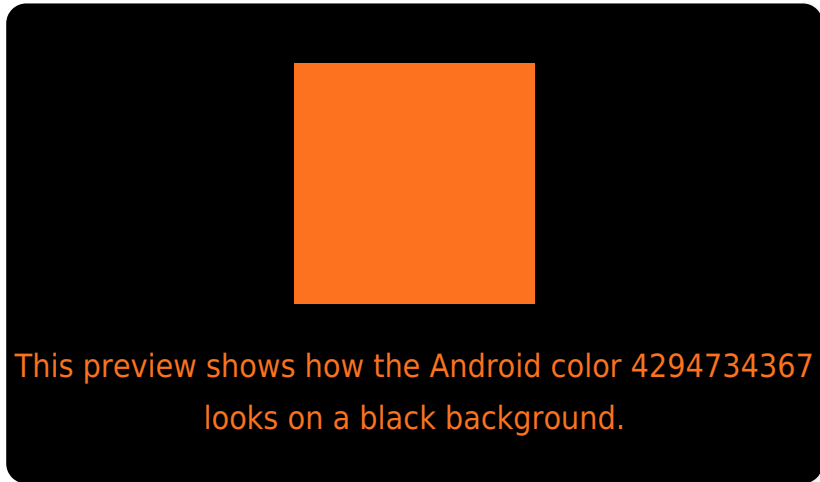
Large Text (above 18pt) WCAG AA × Fail

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 4294734367 Background



This preview shows how black text looks on a background with the Android color 4294734367.



This preview shows how white text looks on a background with the Android color 4294734367.

# 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**  
4294734367

**Protanopia**  
4289698858

**Deuteranopia**  
4291138304



# Trichromacy



**Original Color**  
4294734367

**Protanomaly**  
4291530022

**Deuteranomaly**  
4292445963

**Tritanomaly**  
4294864211

# Monochromacy



**Original Color**  
4294734367

**Achromatopsia**  
4287795858

**Achromatomaly**  
4290348648

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294734367 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(252, 114, 31)` looks like.

```
.text, #text, p{  
    color:rgb(252, 114, 31)  
}
```

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(252, 114, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 114, 31) }
```

## Border

The CSS property to change the border of an element to Android 4294734367 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(252, 114, 31) }
```

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

```
.border{ border-color:rgb(252, 114, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 114, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 114, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 114, 31);  
box-shadow:4px 4px 4px 4px rgb(252, 114,  
31) }
```

# Background

The CSS property to change the background color of an element to Android 4294734367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 114, 31) }
```

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

```
.background{ background-color: rgb(252,  
114, 31) }
```

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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