

# Converting Colors

Android(4294417468)

Have a look what the booklet for  
Android(4294417468) contains.

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# **Color**

**Android(4294417468)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | F79C3C                      |
| RGB         | 247, 156, 60                |
| RGB Percent | 97%, 61%, 24%               |
| CMY         | 0.0314, 0.3882, 0.7647      |
| CMYK        | 0.00, 0.37, 0.76, 0.03      |
| HSL         | 31°, 92%, 60%               |
| HSV         | 31°, 76%, 97%               |
| XYZ         | 51.0618, 43.8773, 10.0529   |
| YIQ         | 172.2650, 85.0520, -10.5640 |

# Conversions

## Conversions Part 2

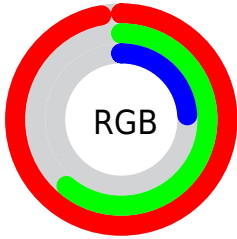
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 237, 247, 60                   |
| Decimal                             | 16227388                       |
| CIE Lab                             | 72.15, 26.52, 61.58            |
| CIE LCh                             | 72, 67.051, 66.699             |
| Yxy                                 | 43.8773, 0.4863,<br>0.4179     |
| Android<br>(android.graphics.Color) | 4294417468<br>(0xFF79C3C)      |
| YUV                                 | 172.2650, -55.3466,<br>65.5426 |
| Hunter-Lab                          | 66.2400, 21.6789,<br>37.3699   |

# Details

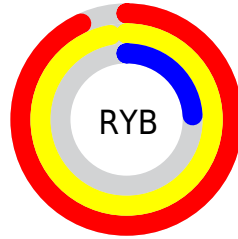
The Android color **4294417468** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **4282161143**, and the grayscale version is **4289572269**.

A 20% lighter version of the original color is **4294955889**, and **4290340864** is the 20% darker color. If you saturate the color by 10%, you get **4294414371**, and if you desaturate by 10%, it is **4294420565**.

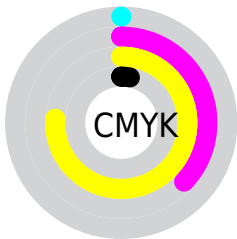
# Distribution



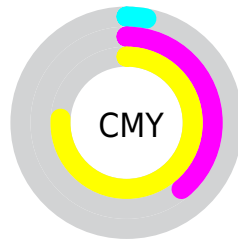
- Red (97%)
- Green (61%)
- Blue (24%)



- Red (93%)
- Yellow (97%)
- Blue (24%)



- Cyan (0%)
- Magenta (37%)
- Yellow (76%)
- Black (3%)



- Cyan (3%)
- Magenta (39%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294417468 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 4294417468 by changing the saturation by 10% instead.



 4294417468

 4294417468

4294967295

 4292379168

 4294955889

 4290340864

 4294963084

 4288368640

 4294967208

 4286396416

 4294967236

 4284489984

 4294967264

 4282649088

4294967293

 4281008128

 4278190080

 4294417468

 4294417468

 4294414371

 4294420565

 4294411275

 4294423661

 4294409984

 4294426758

 4294429855

 4294432951

 4294436048

 4294439145

 4294442239

 4294443007

# Harmonies

## Analogous

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



4294935659



4294417468



4291080745

# Triad

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



4294417468



4278243005



4291140607

# Complementary

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



4294417468



4282161143

# 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.



4282495999



4294417468



4278242809

# Square

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



4294417468



4278242174



4278240511



4294935011

# Rectangle

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



4294417468



4288396857



4278240511



4289111295

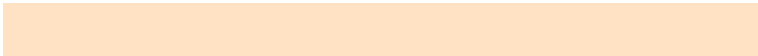


# Sweetspot

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



4294417468



4294959812



4294392986



4286606940



4278190080



4286611584



# Same Dimension

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



4294417468



4294938135



4294440764



4286215278



4290404352



4282064384



# Inverse Universe

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



4282161143



4279732479



4282137847



4285428858



4278213562



4278197563



# Previews

## White Background



This preview shows how the Android color 4294417468 looks on a white background.

## Color Contrast Check

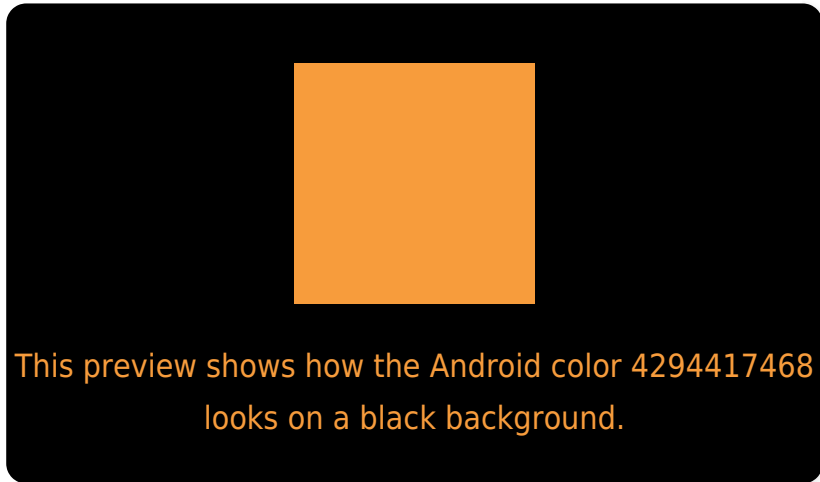
Large Text (above 18pt) WCAG AA × Fail

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 4294417468 Background



This preview shows how black text looks on a background with the Android color 4294417468.



This preview shows how white text looks on a background with the Android color 4294417468.

# 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**  
4294417468

**Protanopia**  
4291211842

**Deuteranopia**  
4292782136



**Tritanopia**  
4294808221

# Trichromacy



**Original Color**  
4294417468

**Protanomaly**  
4292389440

**Deuteranomaly**  
4293370937

**Tritanomaly**  
4294678138

# Monochromacy



**Original Color**  
4294417468

**Achromatopsia**  
4289506476

**Achromatomaly**  
4291274371

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294417468 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(247, 156, 60)` looks like.

```
.text, #text, p{  
    color:rgb(247, 156, 60)  
}
```

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(247, 156, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 156, 60) }
```

## Border

The CSS property to change the border of an element to Android 4294417468 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(247, 156, 60) }
```

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

```
.border{ border-color:rgb(247, 156, 60) }
```

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

Here you see how a box with a 4 pixel rgb(247, 156, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 156, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 156, 60);  
box-shadow:4px 4px 4px 4px rgb(247, 156,  
60) }
```

# Background

The CSS property to change the background color of an element to Android 4294417468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 156, 60) }
```

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

```
.background{ background-color: rgb(247,  
156, 60) }
```

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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