

# Converting Colors

Android(4294918707)

Have a look what the booklet for  
Android(4294918707) contains.

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# Color

**Android(4294918707)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF4233
RGB	255, 66, 51
RGB Percent	100%, 26%, 20%
CMY	0.0000, 0.7412, 0.8000
CMYK	0.00, 0.74, 0.80, 0.00
HSL	4°, 100%, 60%
HSV	4°, 80%, 100%
XYZ	43.7858, 25.3954, 5.7260
YIQ	120.8010, 117.4590, 35.4030

# Conversions

## Conversions Part 2

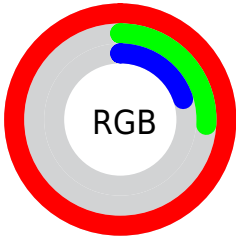
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 67, 51
Decimal	16728627
CIE <sub>Lab</sub>	57.46, 69.53, 51.72
CIE <sub>LCh</sub>	57, 86.657, 36.645
Yxy	25.3954, 0.5845, 0.3390
Android (android.graphics.Color)	4294918707 (0xFFFF4233)
YUV	120.8010, -34.4119, 117.6925
Hunter-Lab	50.3939, 66.9040, 28.5389

# Details

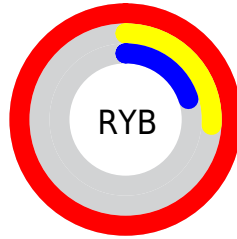
The Android color **4294918707** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **4281594111**, and the grayscale version is **4286151033**.

A 20% lighter version of the original color is **4294934372**, and **4290576387** is the 20% darker color. If you saturate the color by 10%, you get **4294912537**, and if you desaturate by 10%, it is **4294924877**.

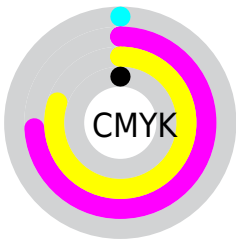
# Distribution



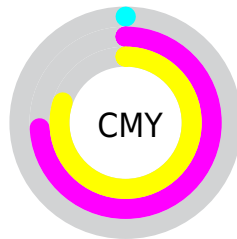
- Red (100%)
- Green (26%)
- Blue (20%)



- Red (100%)
- Yellow (26%)
- Blue (20%)



- Cyan (0%)
- Magenta (74%)
- Yellow (80%)
- Black (0%)



- Cyan (0%)
- Magenta (74%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294918707 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 4294918707 by changing the saturation by 10% instead.





4294918707



4294918707

4294967295



4292746012



4294934372



4290576387



4294941821



4288479232



4294949271



4286382080



4294956979



4284284929



4294964686



4282384387



4294967275



4280090625



4278190080



4294918707



4294918707

■ 4294912537

■ 4294924877

■ 4294906624

■ 4294930790

■ 4294936960

■ 4294943129

■ 4294949043

■ 4294955212

■ 4294961126

4294967295

# Harmonies

## Analogous

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



4294905213



4294918707



4292177664

# Triad

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



4294918707



4278232649



4278226943

# Complementary

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



4294918707



4281594111

# 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.



4278231807



4294918707



4278233753

# Square

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



4294918707



4282555904



4278233571



4288376063

# Rectangle

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



4294918707



4289627136



4278233571



4278228991



# Sweetspot

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



4294918707



4294952642



4294915057



4286602587



4278190080



4286611584



# Same Dimension

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



4294918707



4294908938



4294944563



4286608499



4290711040



4282385664



# Inverse Universe

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



4281594111



4278906367



4281568255



4285759360



4278235583



4278205248



# Previews

## White Background



This preview shows how the Android color 4294918707 looks on a white background.

## Color Contrast Check

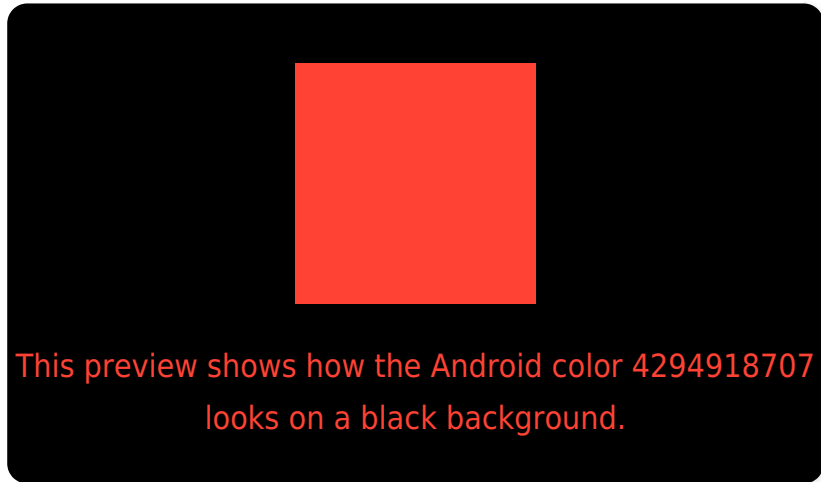
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4294918707 Background



This preview shows how black text looks on a background with the Android color 4294918707.



This preview shows how white text looks on a background with the Android color 4294918707.

# 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**  
4294918707

**Protanopia**  
4288252487

**Deuteranopia**  
4289626914



# Trichromacy



**Original Color**

4294918707

**Protanomaly**

4290670656

**Deuteranomaly**

4291521320

**Tritanomaly**

4294918461

# Monochromacy



**Original Color**

4294918707

**Achromatopsia**

4286151033

**Achromatomaly**

4289357152

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294918707 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, 66, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 66, 51)  
}
```

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, 66, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 51) }
```

## Border

The CSS property to change the border of an element to Android 4294918707 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, 66, 51) }
```

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

```
.border{ border-color:rgb(255, 66, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 66, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 66,  
51) }
```

# Background

The CSS property to change the background color of an element to Android 4294918707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 66, 51) }
```

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

```
.background{ background-color: rgb(255, 66,  
51) }
```

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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