

# Converting Colors

Android(4294203648)

Have a look what the booklet for  
Android(4294203648) contains.

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**Color**

**Android(4294203648)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F45900
RGB	244, 89, 0
RGB Percent	96%, 35%, 0%
CMY	0.0431, 0.6510, 1.0000
CMYK	0.00, 0.64, 1.00, 0.04
HSL	22°, 100%, 48%
HSV	22°, 100%, 96%
XYZ	40.8806, 26.3779, 2.9368
YIQ	125.1990, 120.9490, 5.1810

# Conversions

## Conversions Part 2

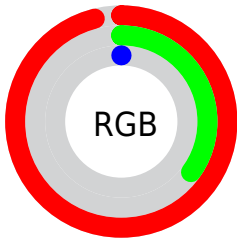
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 140, 0
Decimal	16013568
CIE <sub>Lab</sub>	58.39, 56.76, 68.29
CIE <sub>LCh</sub>	58, 88.796, 50.266
Yxy	26.3779, 0.5824, 0.3758
Android (android.graphics.Color)	4294203648 (0xFFFF45900)
YUV	125.1990, -61.7231, 104.1885
Hunter-Lab	51.3594, 52.2020, 32.5613

# Details

The Android color **4294203648** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **4278230004**, and the grayscale version is **4286479998**.

A 20% lighter version of the original color is **4294938945**, and **4289928192** is the 20% darker color. If you saturate the color by 10%, you get **4294203648**, and if you desaturate by 10%, it is **4294207512**.

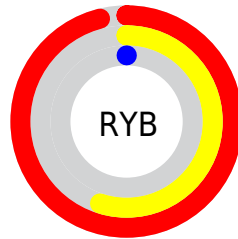
# Distribution



Red (96%)

Green (35%)

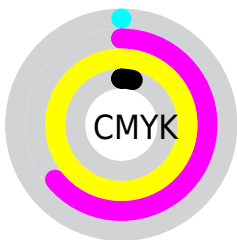
Blue (0%)



Red (96%)

Yellow (55%)

Blue (0%)

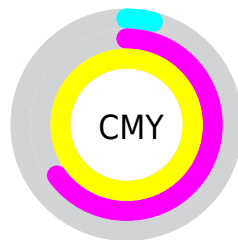


Cyan (0%)

Magenta (64%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (65%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294203648 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 4294203648 by changing the saturation by 10% instead.



 4294203648

 4294203648

4294967295

 4292033792

 4294938945

 4289928192

 4294946140

 4287823872

 4294953335

 4285726720

 4294960786

 4283760640

 4294967213

 4281925634

 4294967242

 4279238656

 4294967270

 4278190080

 4294203648

 4294207512

 4294211633

 4294215753

 4294219618

 4294223738

 4294227602

 4294231467

 4294235587

 4294239708

# Harmonies

## Analogous

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



4294910044



4294203648



4290740224

# Triad

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



4294203648



4278233968



4280845311

# Complementary

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



4294203648



4278230004

# 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.



4278230783



4294203648



4278234561

# Square

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



4294203648



4278232337



4278233855



4291713265

# Rectangle

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



4294203648



4287795712



4278233855



4278226687



# Sweetspot

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



4294203648



4294954675



4294181023



4286603858



4278190080



4286611584



# Same Dimension

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



4294203648



4294925568



4294233856



4286215022



4290397184



4282062080

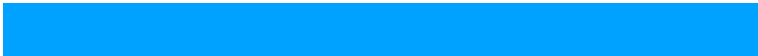


# Inverse Universe

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



4278230004



4278231807



4278199796



4285429370



4278220474



4278199611



# Previews

## White Background



This preview shows how the Android color 4294203648 looks on a white background.

## Color Contrast Check

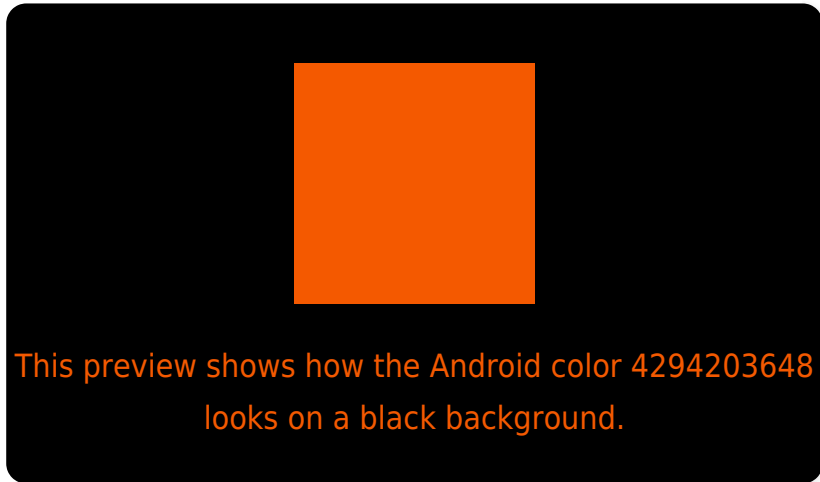
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294203648 Background



This preview shows how black text looks on a background with the Android color 4294203648.



This preview shows how white text looks on a background with the Android color 4294203648.

# 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**

[4294203648](#)

**Protanopia**

[4288646425](#)

**Deuteranopia**

[4289889792](#)



# Trichromacy



**Original Color**  
4294203648

**Protanomaly**  
4290673168

**Deuteranomaly**  
4291458560

**Tritanomaly**  
4294268216

# Monochromacy



**Original Color**  
4294203648

**Achromatopsia**  
4286414205

**Achromatomaly**  
4289228880

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294203648 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(244, 89, 0)` looks like.

```
.text, #text, p{  
    color:rgb(244, 89, 0)  
}
```

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(244, 89, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 89, 0) }
```

## Border

The CSS property to change the border of an element to Android 4294203648 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(244, 89, 0) }
```

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

```
.border{ border-color:rgb(244, 89, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 89, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 89, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 89, 0);  
box-shadow:4px 4px 4px 4px rgb(244, 89, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4294203648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 89, 0) }
```

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

```
.background{ background-color: rgb(244, 89,  
0) }
```

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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