

# Converting Colors

Android(4293739008)

Have a look what the booklet for  
Android(4293739008) contains.

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# Color

**Android(4293739008)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED4200
RGB	237, 66, 0
RGB Percent	93%, 26%, 0%
CMY	0.0706, 0.7412, 1.0000
CMYK	0.00, 0.72, 1.00, 0.07
HSL	17°, 100%, 46%
HSV	17°, 100%, 93%
XYZ	36.8733, 21.9010, 2.2839
YIQ	109.6050, 123.1020, 15.7260

# Conversions

## Conversions Part 2

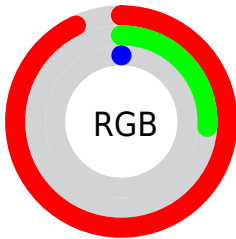
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	237, 91, 0
Decimal	15548928
CIE Lab	53.92, 63.28, 65.40
CIE LCh	54, 91.000, 45.944
Yxy	21.9010, 0.6039, 0.3587
Android (android.graphics.Color)	4293739008 (0xFFED4200)
YUV	109.6050, -54.0353, 111.7254
Hunter-Lab	46.7985, 58.7458, 29.8654

# Details

The Android color **4293739008** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **4278234093**, and the grayscale version is **4285427310**.

A 20% lighter version of the original color is **4294933565**, and **4289396736** is the 20% darker color. If you saturate the color by 10%, you get **4293739008**, and if you desaturate by 10%, it is **4293743384**.

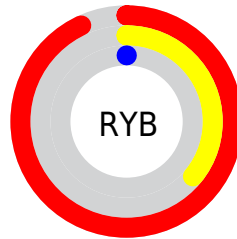
# Distribution



Red (93%)

Green (26%)

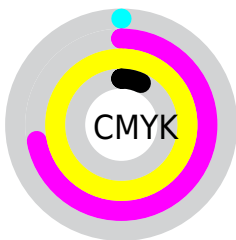
Blue (0%)



Red (93%)

Yellow (36%)

Blue (0%)

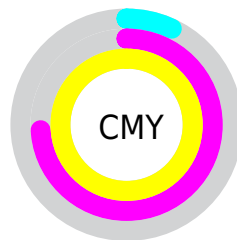


Cyan (0%)

Magenta (72%)

Yellow (100%)

Black (7%)



Cyan (7%)

Magenta (74%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293739008 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 4293739008 by changing the saturation by 10% instead.



 4293739008

 4293739008

4294967293

 4291567360

 4294933565

 4289396736

 4294941015

 4287299584

 4294948466

 4285267968

 4294955916

 4283236354

 4294963368

 4281335810

 4294967236

 4278190080

 4294967264

 4293739008

 4293743384

 4293747759

 4293752135

 4293756511

 4293761142

 4293765518

 4293769894

 4293774270

 4293778645

# Harmonies

## Analogous

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



4294901851



4293739008



4290473984

# Triad

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



4293739008



4278230872



4278222335

# Complementary

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



4293739008



4278234093

# 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.



4278228479



4293739008



4278231466

# Square

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



4293739008



4278228992



4278231026



4290007536

# Rectangle

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



4293739008



4287595264



4278231026



4278224895



# Sweetspot

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



4293739008



4294953139



4293722286



4286602834



4278190080



4286611584



# Same Dimension

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



4293739008



4294919936



4293768704



4285885802



4290064896



4281732864

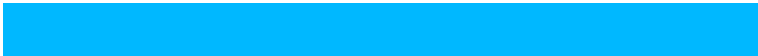


# Inverse Universe

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



4278234093



4278237439



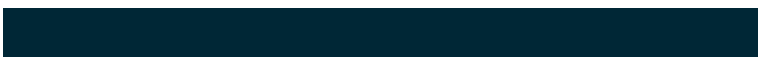
4278204397



4285166197



4278223797



4278200118



# Previews

## White Background



This preview shows how the Android color 4293739008 looks on a white background.

## Color Contrast Check

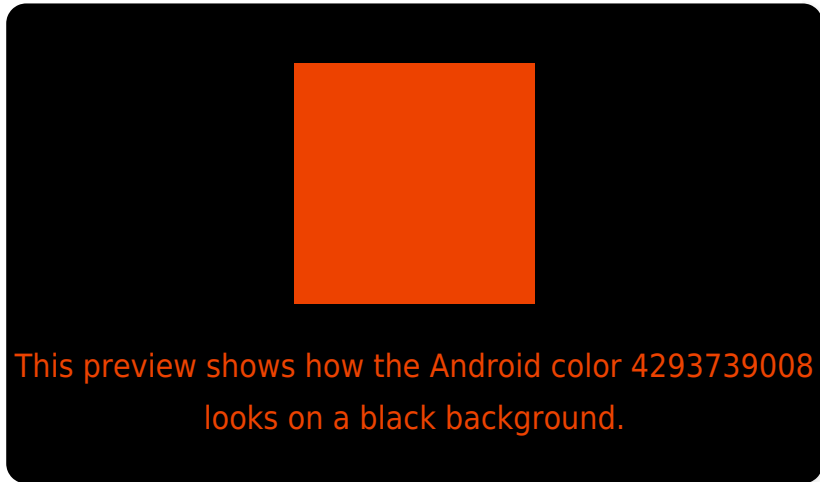
Large Text (above 18pt) WCAG AA ✓ Pass

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 4293739008 Background



This preview shows how black text looks on a background with the Android color 4293739008.



This preview shows how white text looks on a background with the Android color 4293739008.

# 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



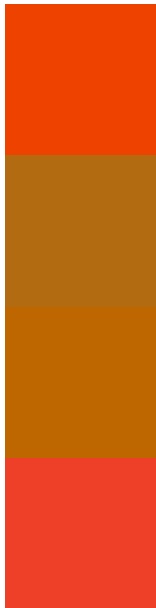
**Original Color**  
4293739008

**Protanopia**  
4287791642

**Deuteranopia**  
4288903936



# Trichromacy



**Original Color**  
4293739008

**Protanomaly**  
4289948433

**Deuteranomaly**  
4290668032

**Tritanomaly**  
4293803817

# Monochromacy



**Original Color**  
4293739008

**Achromatopsia**  
4285427310

**Achromatomaly**  
4288437830

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293739008 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(237, 66, 0)` looks like.

```
.text, #text, p{  
    color:rgb(237, 66, 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(237, 66, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 66, 0) }
```

## Border

The CSS property to change the border of an element to Android 4293739008 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(237, 66, 0) }
```

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

```
.border{ border-color:rgb(237, 66, 0) }
```

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

Here you see how a box with a 4 pixel rgb(237, 66, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 66, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 66, 0);  
box-shadow:4px 4px 4px 4px rgb(237, 66, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4293739008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 66, 0) }
```

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

```
.background{ background-color: rgb(237, 66,  
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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