

# Converting Colors

Android(4293940480)

Have a look what the booklet for  
Android(4293940480) contains.

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**Color**

**Android(4293940480)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F05500
RGB	240, 85, 0
RGB Percent	94%, 33%, 0%
CMY	0.0588, 0.6667, 1.0000
CMYK	0.00, 0.65, 1.00, 0.06
HSL	21°, 100%, 47%
HSV	21°, 100%, 94%
XYZ	39.1837, 25.0223, 2.7646
YIQ	121.6550, 119.6650, 6.4250

# Conversions

## Conversions Part 2

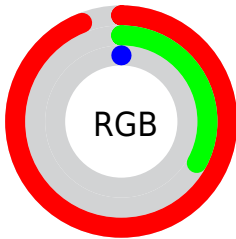
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 132, 0
Decimal	15750400
CIE Lab	57.10, 57.05, 67.25
CIE LCh	57, 88.189, 49.688
Yxy	25.0223, 0.5851, 0.3736
Android (android.graphics.Color)	4293940480 (0xFFFF05500)
YUV	121.6550, -59.9759, 103.7886
Hunter-Lab	50.0223, 52.2845, 31.7388

# Details

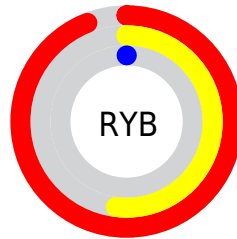
The Android color **4293940480** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **4278230000**, and the grayscale version is **4286216826**.

A 20% lighter version of the original color is **4294937920**, and **4289664256** is the 20% darker color. If you saturate the color by 10%, you get **4293940480**, and if you desaturate by 10%, it is **4293944344**.

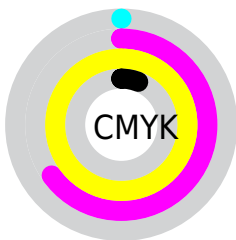
# Distribution



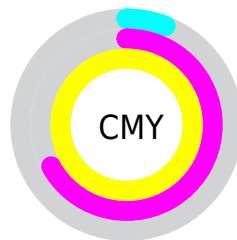
- Red (94%)
- Green (33%)
- Blue (0%)



- Red (94%)
- Yellow (52%)
- Blue (0%)



- Cyan (0%)
- Magenta (65%)
- Yellow (100%)
- Black (6%)



- Cyan (6%)
- Magenta (67%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293940480 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 4293940480 by changing the saturation by 10% instead.



 4293940480

 4293940480

4294967295

 4291770368

 4294937920

 4289664256

 4294945115

 4287561728

 4294952309

 4285530112

 4294959760

 4283498496

 4294967212

 4281663490

 4294967240

 4278452224

 4294967269

 4278190080

 4293940480

 4293944344

 4293948464

 4293952328

 4293956448

 4293960312

 4293964432

 4293968552

 4293972416

 4293976280

# Harmonies

## Analogous

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



4294908251



4293940480



4290542592

# Triad

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



4293940480



4278233195



4279271935

# Complementary

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



4293940480



4278230000

# 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.



4278230015



4293940480



4278233531

# Square

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



4293940480



4278231561



4278232830



4291319534

# Rectangle

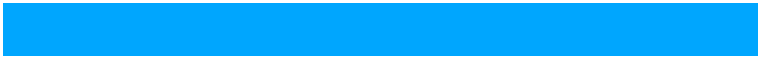
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4293940480



4287663616



4278232830



4278225919



# Sweetspot

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



4293940480



4294954675



4293918876



4286603858



4278190080



4286611584



# Same Dimension

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



4293940480



4294924800



4293970944



4286083180



4290265344



4281865216

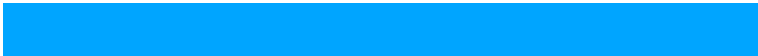


# Inverse Universe

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



4278230000



4278232575



4278199536



4285297784



4278220728



4278199352



# Previews

## White Background



This preview shows how the Android color 4293940480 looks on a white background.

## Color Contrast Check

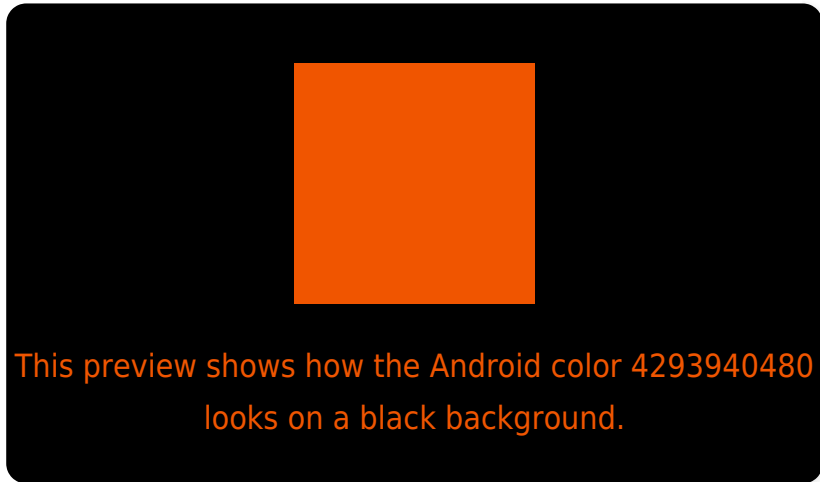
Large Text (above 18pt) WCAG AA ✓ Pass

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 4293940480 Background



This preview shows how black text looks on a background with the Android color 4293940480.



This preview shows how white text looks on a background with the Android color 4293940480.

# 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



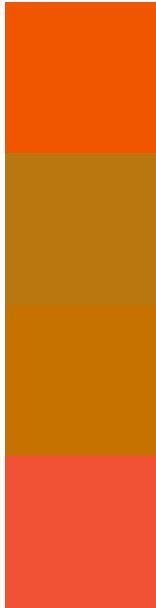
**Original Color**  
4293940480

**Protanopia**  
4288383513

**Deuteranopia**  
4289626880



# Trichromacy



**Original Color**  
4293940480

**Protanomaly**  
4290410256

**Deuteranomaly**  
4291195392

**Tritanomaly**  
4294005045

# Monochromacy



**Original Color**  
4293940480

**Achromatopsia**  
4286216826

**Achromatomaly**  
4289031502

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293940480 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(240, 85, 0)` looks like.

```
.text, #text, p{  
    color:rgb(240, 85, 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(240, 85, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 85, 0) }
```

## Border

The CSS property to change the border of an element to Android 4293940480 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(240, 85, 0) }
```

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

```
.border{ border-color:rgb(240, 85, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 85, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 85, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 85, 0);  
box-shadow:4px 4px 4px 4px rgb(240, 85, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4293940480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 85, 0) }
```

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

```
.background{ background-color: rgb(240, 85,  
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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