

# Converting Colors

Android(4293750532)

Have a look what the booklet for  
Android(4293750532) contains.

<b>Android(4293750532)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4293750532)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED6F04
RGB	237, 111, 4
RGB Percent	93%, 44%, 2%
CMY	0.0706, 0.5647, 0.9843
CMYK	0.00, 0.53, 0.98, 0.07
HSL	28°, 97%, 47%
HSV	28°, 98%, 93%
XYZ	40.6314, 29.3822, 3.6447
YIQ	136.4760, 109.4430, -6.5650

# Conversions

## Conversions Part 2

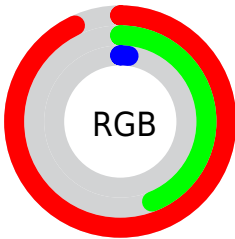
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">237, 202, 4</a>
Decimal	<a href="#">15560452</a>
CIELab	<a href="#">61.12, 44.25, 68.51</a>
CIElCh	<a href="#">61, 81.555, 57.138</a>
Yxy	<a href="#">29.3822, 0.5516, 0.3989</a>
Android (android.graphics.Color)	<a href="#">4293750532 (0xFFED6F04)</a>
YUV	<a href="#">136.4760, -65.3107, 88.1595</a>
Hunter-Lab	<a href="#">54.2053, 38.9413, 33.9572</a>

# Details

The Android color **4293750532** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **4278485741**, and the grayscale version is **4287203721**.

A 20% lighter version of the original color is **4294944070**, and **4289542912** is the 20% darker color. If you saturate the color by 10%, you get **4293750016**, and if you desaturate by 10%, it is **4293753884**.

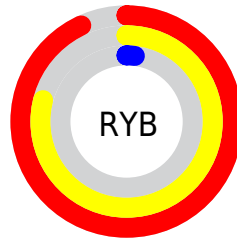
# Distribution



Red (93%)

Green (44%)

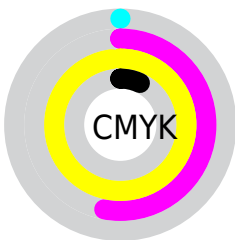
Blue (2%)



Red (93%)

Yellow (79%)

Blue (2%)

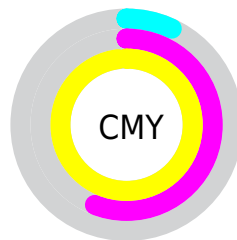


Cyan (0%)

Magenta (53%)

Yellow (98%)

Black (7%)



Cyan (7%)

Magenta (56%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293750532 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 4293750532 by changing the saturation by 10% instead.





4293750532



4293750532

4294967295



4291646720



4294944070



4289542912



4294951265



4287504384



4294958460



4285464576



4294965911



4283564032



4294967219



4281794561



4294967248



4279173120



4294967277



4278190080



4293750532



4293750532

■ 4293750016

■ 4293753884

■ 4293757235

■ 4293760331

■ 4293763683

■ 4293767034

■ 4293770386

■ 4293773738

■ 4293777090

■ 4293780185

# Harmonies

## Analogous

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



4294920535



4293750532



4290285056

# Triad

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



4293750532



4278235786



4286350335

# Complementary

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



4293750532



4278485741

# 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.



4278231039



4293750532



4278236116

# Square

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



4293750532



4278234430



4278234879



4293024995

# Rectangle

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



4293750532



4287339776



4278234879



4281241343



# Sweetspot

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



4293750532



4294956981



4293723268



4286605139



4278190080



4286611584



# Same Dimension

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



4293750532



4294931712



4293779716



4285886314



4290073344



4281735424

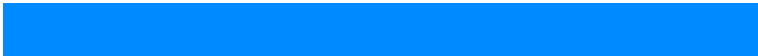


# Inverse Universe

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



4278485741



4278225663



4278456557



4285165685



4278215349



4278197558



# Previews

## White Background



This preview shows how the Android color 4293750532 looks on a white background.

## Color Contrast Check

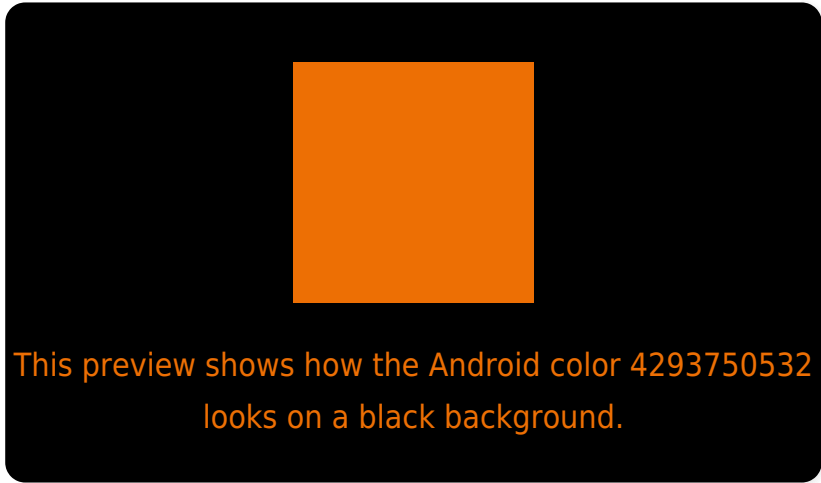
Large Text (above 18pt) WCAG AA ✓ Pass

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 4293750532 Background



This preview shows how black text looks on a background with the Android color 4293750532.



This preview shows how white text looks on a background with the Android color 4293750532.

# 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



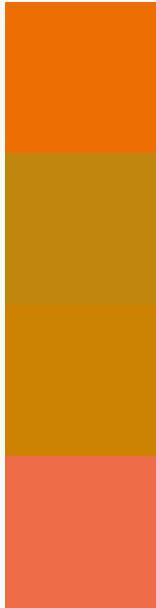
**Original Color**  
4293750532

**Protanopia**  
4289172502

**Deuteranopia**  
4290481152



# Trichromacy



**Original Color**  
4293750532

**Protanomaly**  
4290807567

**Deuteranomaly**  
4291657985

**Tritanomaly**  
4293880391

# Monochromacy



**Original Color**  
4293750532

**Achromatopsia**  
4287137928

**Achromatomaly**  
4289560408

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293750532 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, 111, 4)` looks like.

```
.text, #text, p{  
    color:rgb(237, 111, 4)  
}
```

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, 111, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 111, 4) }
```

## Border

The CSS property to change the border of an element to Android 4293750532 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, 111, 4) }
```

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

```
.border{ border-color:rgb(237, 111, 4) }
```

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

Here you see how a box with a 4 pixel rgb(237, 111, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 111, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 111, 4);  
box-shadow:4px 4px 4px 4px rgb(237, 111,  
4) }
```

# Background

The CSS property to change the background color of an element to Android 4293750532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 111, 4) }
```

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

```
.background{ background-color: rgb(237,  
111, 4) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor