

# Converting Colors

Android(4294136576)

Have a look what the booklet for  
Android(4294136576) contains.

<b>Android(4294136576)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4294136576)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F35300
RGB	243, 83, 0
RGB Percent	95%, 33%, 0%
CMY	0.0471, 0.6745, 1.0000
CMYK	0.00, 0.66, 1.00, 0.05
HSL	20°, 100%, 48%
HSV	20°, 100%, 95%
XYZ	40.0554, 25.2412, 2.7609
YIQ	121.3780, 122.0030, 8.1070

# Conversions

## Conversions Part 2

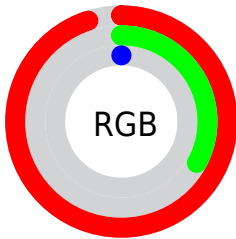
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	243, 126, 0
Decimal	15946496
CIE <sub>Lab</sub>	57.31, 58.88, 67.64
CIE <sub>LCh</sub>	57, 89.675, 48.962
Yxy	25.2412, 0.5886, 0.3709
Android (android.graphics.Color)	4294136576 (0xFFFF35300)
YUV	121.3780, -59.8394, 106.6625
Hunter-Lab	50.2406, 54.3918, 31.9103

# Details

The Android color **4294136576** 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 **4278231283**, and the grayscale version is **4286216826**.

A 20% lighter version of the original color is **4294937408**, and **4289859328** is the 20% darker color. If you saturate the color by 10%, you get **4294136576**, and if you desaturate by 10%, it is **4294140696**.

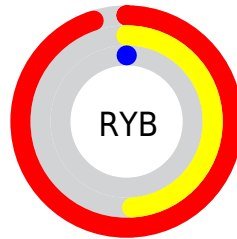
# Distribution



Red (95%)

Green (33%)

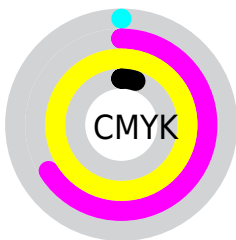
Blue (0%)



Red (95%)

Yellow (49%)

Blue (0%)

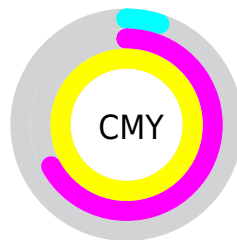


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (67%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294136576 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 4294136576 by changing the saturation by 10% instead.



 4294136576

 4294136576

4294967295

 4291966464

 4294937408

 4289859328

 4294944603

 4287692800

 4294952053

 4285661184

 4294959504

 4283629568

 4294967212

 4281794562

 4294967240

 4278910976

 4294967269

 4278190080

 4294136576

 4294140696

 4294144817

 4294148937

 4294153057

 4294157177

 4294161298

 4294165418

 4294169538

 4294173659

# Harmonies

## Analogous

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



4294905436



4294136576



4290739200

# Triad

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



4294136576



4278233193



4278223615

# Complementary

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



4294136576



4278231283

# 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.



4278230271



4294136576



4278233787

# Square

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



4294136576



4278231552



4278233343



4291254002

# Rectangle

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



4294136576



4287794688



4278233343



4278226431



# Sweetspot

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



4294136576



4294954419



4294115490



4286603602



4278190080



4286611584



# Same Dimension

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



4294136576



4294924032



4294167040



4286214766



4290396160



4282061824

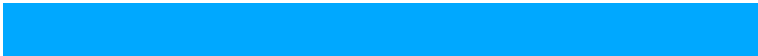


# Inverse Universe

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



4278231283



4278233343



4278200819



4285429370



4278221754



4278200123



# Previews

## White Background



This preview shows how the Android color 4294136576 looks on a white background.

## Color Contrast Check

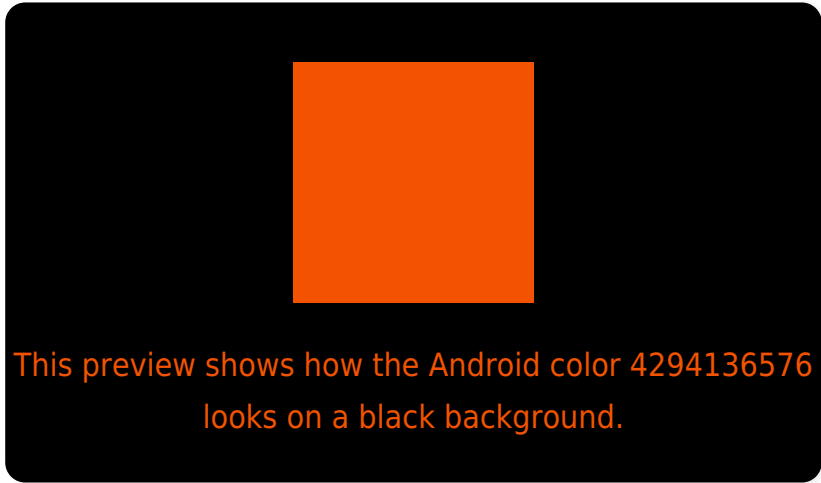
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294136576 Background



This preview shows how black text looks on a background with the Android color 4294136576.



This preview shows how white text looks on a background with the Android color 4294136576.

# 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



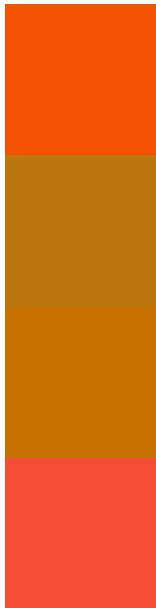
**Original Color**  
4294136576

**Protanopia**  
4288383513

**Deuteranopia**  
4289626880



# Trichromacy



**Original Color**  
4294136576

**Protanomaly**  
4290475536

**Deuteranomaly**  
4291260928

**Tritanomaly**  
4294201140

# Monochromacy



**Original Color**  
4294136576

**Achromatopsia**  
4286151033

**Achromatomaly**  
4289030989

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294136576 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(243, 83, 0)` looks like.

```
.text, #text, p{  
    color:rgb(243, 83, 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(243, 83, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 83, 0) }
```

## Border

The CSS property to change the border of an element to Android 4294136576 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(243, 83, 0) }
```

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

```
.border{ border-color:rgb(243, 83, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 83, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 83, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 83, 0);  
box-shadow:4px 4px 4px 4px rgb(243, 83, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4294136576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 83, 0) }
```

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

```
.background{ background-color: rgb(243, 83,  
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](#).



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