

# Converting Colors

Android(4294075648)

Have a look what the booklet for  
Android(4294075648) contains.

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# Color

**Android(4294075648)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F26500
RGB	242, 101, 0
RGB Percent	95%, 40%, 0%
CMY	0.0510, 0.6039, 1.0000
CMYK	0.00, 0.58, 1.00, 0.05
HSL	25°, 100%, 47%
HSV	25°, 100%, 95%
XYZ	41.2716, 28.1846, 3.2649
YIQ	131.6450, 116.4570, -1.5190

# Conversions

## Conversions Part 2

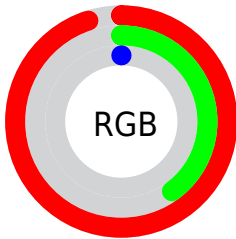
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 173, 0
Decimal	15885568
CIE <sub>Lab</sub>	60.06, 50.80, 68.99
CIE <sub>LCh</sub>	60, 85.679, 53.636
Yxy	28.1846, 0.5675, 0.3876
Android (android.graphics.Color)	4294075648 (0xFFFF26500)
YUV	131.6450, -64.9010, 96.7813
Hunter-Lab	53.0892, 45.8602, 33.5162

# Details

The Android color **4294075648** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **4278226418**, and the grayscale version is **4286874756**.

A 20% lighter version of the original color is **4294941763**, and **4289867264** is the 20% darker color. If you saturate the color by 10%, you get **4294075648**, and if you desaturate by 10%, it is **4294079256**.

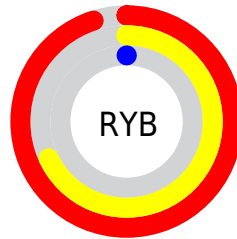
# Distribution



Red (95%)

Green (40%)

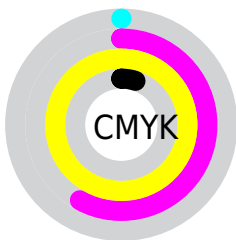
Blue (0%)



Red (95%)

Yellow (68%)

Blue (0%)

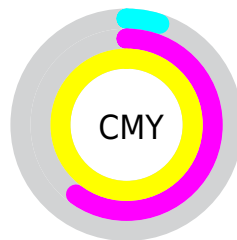


Cyan (0%)

Magenta (58%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (60%)





Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294075648 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 4294075648 by changing the saturation by 10% instead.



 4294075648	 4294075648
4294967295	 4291906048
 4294941763	 4289867264
 4294948958	 4287761152
 4294956153	 4285726720
 4294963604	 4283695104
 4294967216	 4281991170
 4294967244	 4279369728
 4294967273	 4278190080

 4294075648

 4294079256

 4294082864

 4294086473

 4294090081

 4294093689

 4294097553

 4294101161

 4294104770

 4294108378

# Harmonies

## Analogous

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



4294916186



4294075648



4290611200

# Triad

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



4294075648



4278235262



4284384511

# Complementary

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



4294075648



4278226418

# 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



4294075648



4278235596

# Square

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



4294075648



4278233643



4278234623



4292500204

# Rectangle

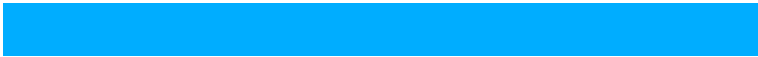
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294075648



4287600640



4278234623



4278226943



# Sweetspot

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



4294075648



4294955699



4294049933



4286604626



4278190080



4286611584



# Same Dimension

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



4294075648



4294928896



4294106624



4286083436



4290268416



4281865984

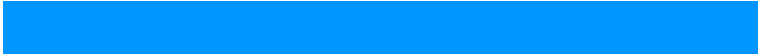


# Inverse Universe

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



4278226418



4278228479



4278195442



4285297528



4278217656



4278198584



# Previews

## White Background



This preview shows how the Android color 4294075648 looks on a white background.

## Color Contrast Check

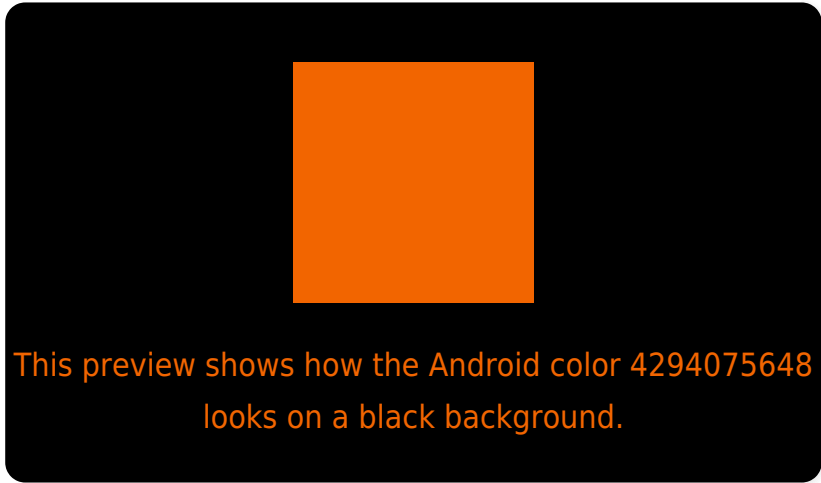
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294075648 Background



This preview shows how black text looks on a background with the Android color 4294075648.



This preview shows how white text looks on a background with the Android color 4294075648.

# 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**  
4294075648

**Protanopia**  
4288975383

**Tritanopia**  
4294205028

# Trichromacy



**Original Color**

4294075648

**Protanomaly**

4290806287

**Tritanomaly**

4294140224

# Monochromacy



**Original Color**

4294075648

**Achromatopsia**

4286874756

**Achromatomaly**

4289493332

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294075648 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(242, 101, 0)` looks like.

```
.text, #text, p{  
    color:rgb(242, 101, 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(242, 101, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 101, 0) }
```

## Border

The CSS property to change the border of an element to Android 4294075648 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(242, 101, 0) }
```

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

```
.border{ border-color:rgb(242, 101, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 101, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 101, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 101, 0);  
box-shadow:4px 4px 4px 4px rgb(242, 101,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4294075648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 101, 0) }
```

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

```
.background{ background-color: rgb(242,  
101, 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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