

# Converting Colors

Android(4294079744)

Have a look what the booklet for  
Android(4294079744) contains.

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# **Color**

**Android(4294079744)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F27500
RGB	242, 117, 0
RGB Percent	95%, 46%, 0%
CMY	0.0510, 0.5412, 1.0000
CMYK	0.00, 0.52, 1.00, 0.05
HSL	29°, 100%, 47%
HSV	29°, 100%, 95%
XYZ	42.9792, 31.5998, 3.8341
YIQ	141.0370, 112.0570, -9.8870

# Conversions

## Conversions Part 2

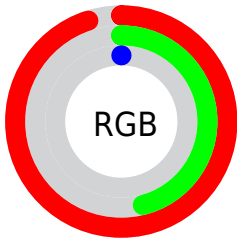
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 227, 0
Decimal	15889664
CIE <sub>Lab</sub>	63.01, 43.21, 70.67
CIE <sub>LCh</sub>	63, 82.835, 58.557
Yxy	31.5998, 0.5481, 0.4030
Android (android.graphics.Color)	4294079744 (0xFFFF27500)
YUV	141.0370, -69.5312, 88.5446
Hunter-Lab	56.2137, 38.1015, 35.3057

# Details

The Android color `4294079744` 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 `4278222322`, and the grayscale version is `4287532686`.

A 20% lighter version of the original color is `4294945606`, and `4289872128` is the 20% darker color. If you saturate the color by 10%, you get `4294079744`, and if you desaturate by 10%, it is `4294083096`.

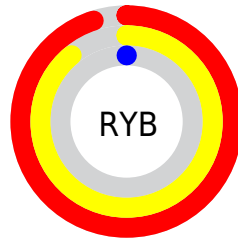
# Distribution



Red (95%)

Green (46%)

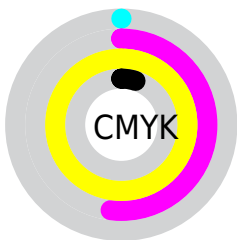
Blue (0%)



Red (95%)

Yellow (89%)

Blue (0%)

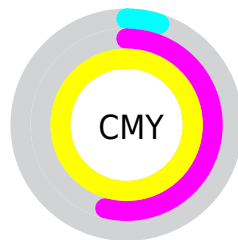


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (54%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294079744 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 4294079744 by changing the saturation by 10% instead.



 4294079744  4294079744


4294967295  4291975936

 4294945606  4289872128

 4294952801  4287833856

 4294959996  4285793792

 4294967192  4283826176

 4294967220  4282056704

 4294967248  4279894017

 4294967277  4278190080

 4294079744

 4294083096

 4294086192

 4294089545

 4294092641

 4294095737

 4294099089

 4294102185

 4294105538

 4294108634

# Harmonies

## Analogous

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



4294922071



4294079744



4290483200

# Triad

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



4294079744



4278237331



4287203071

# Complementary

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



4294079744



4278222322

# 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.



4278232063



4294079744



4278237405

# Square

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



4294079744



4278235973



4278236159



4293680871

# Rectangle

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



4294079744



4287472384



4278236159



4282749439



# Sweetspot

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



4294079744



4294956979



4294049917



4286605394



4278190080



4286611584



# Same Dimension

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



4294079744



4294933248



4294110720



4286083692



4290271488



4281867008



# Inverse Universe

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



4278222322



4278224127



4278191346



4285297272



4278214584



4278197560



# Previews

## White Background



This preview shows how the Android color 4294079744 looks on a white background.

## Color Contrast Check

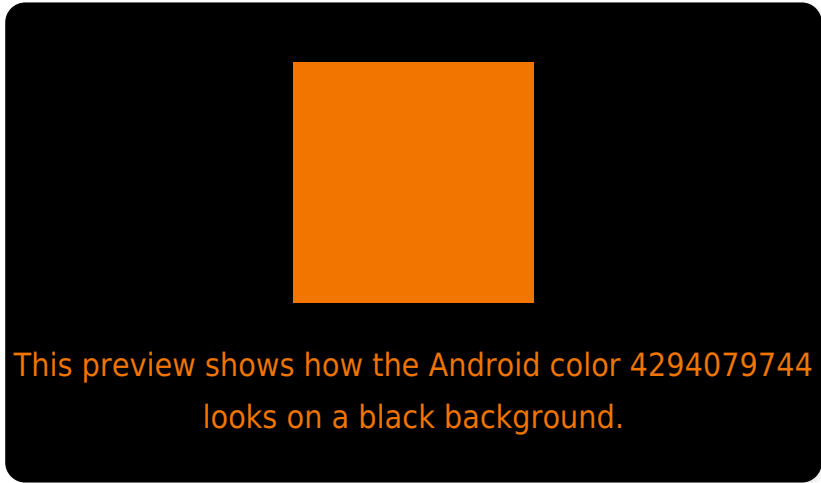
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4294079744 Background



This preview shows how black text looks on a background with the Android color 4294079744.



This preview shows how white text looks on a background with the Android color 4294079744.

# 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**  
4294079744

**Protanopia**  
4289501462

**Deuteranopia**  
4290875648



# Trichromacy



**Original Color**

4294079744

**Protanomaly**

4291136526

**Deuteranomaly**

4292052736

**Tritanomaly**

4294209610

# Monochromacy



**Original Color**

4294079744

**Achromatopsia**

4287466893

**Achromatomaly**

4289889370

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294079744 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, 117, 0)` looks like.

```
.text, #text, p{  
    color:rgb(242, 117, 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, 117, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 117, 0) }
```

## Border

The CSS property to change the border of an element to Android 4294079744 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, 117, 0) }
```

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

```
.border{ border-color:rgb(242, 117, 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, 117, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 117, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 117, 0);  
box-shadow:4px 4px 4px 4px rgb(242, 117,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4294079744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 117, 0) }
```

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

```
.background{ background-color: rgb(242,  
117, 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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