

# Converting Colors

Android(4294528256)

Have a look what the booklet for  
Android(4294528256) contains.

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# Color

**Android(4294528256)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F94D00
RGB	249, 77, 0
RGB Percent	98%, 30%, 0%
CMY	0.0235, 0.6980, 1.0000
CMYK	0.00, 0.69, 1.00, 0.02
HSL	19°, 100%, 49%
HSV	19°, 100%, 98%
XYZ	41.7208, 25.4475, 2.7129
YIQ	119.6500, 127.2290, 12.5170

# Conversions

## Conversions Part 2

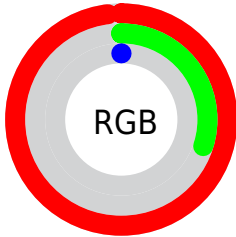
Format	Color
R <sub>Y</sub> B	249, 111, 0
Decimal	16338176
CIE Lab	57.51, 63.14, 68.32
CIE LCh	58, 93.034, 47.257
Yxy	25.4475, 0.5970, 0.3642
Android (android.graphics.Color)	4294528256 (0xFFFF94D00)
YUV	119.6500, -58.9874, 113.4400
Hunter-Lab	50.4455, 59.3482, 32.1233

# Details

The Android color **4294528256** is a dark color, and the websafe version is hex **FF6600**, and the color name is **tangelo**. The color can be described as dark saturated red. A complement of this color would be **4278234361**, and the grayscale version is **4286085240**.

A 20% lighter version of the original color is **4294936384**, and **4290183168** is the 20% darker color. If you saturate the color by 10%, you get **4294528256**, and if you desaturate by 10%, it is **4294532633**.

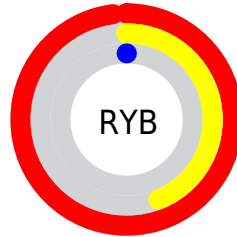
# Distribution



Red (98%)

Green (30%)

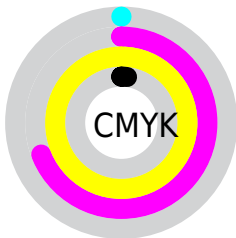
Blue (0%)



Red (98%)

Yellow (44%)

Blue (0%)

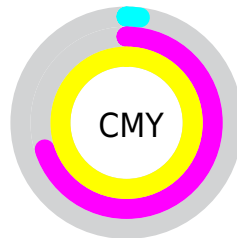


Cyan (0%)

Magenta (69%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (70%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294528256 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 4294528256 by changing the saturation by 10% instead.



 4294528256

 4294528256

4294967295

 4292357376

 4294936384

 4290183168

 4294943578

 4288020480

 4294951029

 4285988864

 4294958480

 4283957249

 4294966187

 4282056706

 4294967240

 4279566336

 4294967268

 4278190080

 4294528256

 4294532633

 4294537010

 4294541643

 4294546020

 4294550397

 4294554773

 4294559150

 4294563783

 4294568160

# Harmonies

## Analogous

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



4294901856



4294528256



4291066368

# Triad

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



4294528256



4278233443



4278224383

# Complementary

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



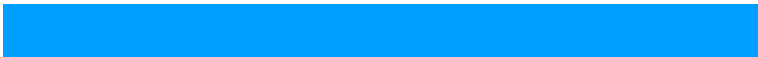
4294528256



4278234361

# 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.



4278230783



4294528256



4278234296

# Square

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



4294528256



4278231808



4278233599



4291057658

# Rectangle

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



4294528256



4288056576



4278233599



4278226943



# Sweetspot

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



4294528256



4294953651



4294508718



4286603346



4278190080



4286611584



# Same Dimension

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



4294528256



4294921984



4294559488



4286411888



4290591232



4282192640

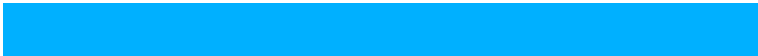


# Inverse Universe

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



4278234361



4278235391



4278203129



4285561213



4278223549



4278200893



# Previews

## White Background



This preview shows how the Android color 4294528256 looks on a white background.

## Color Contrast Check

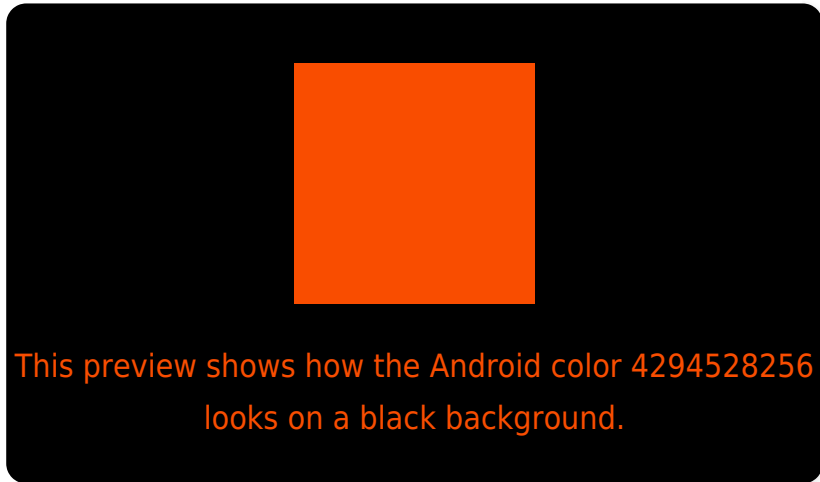
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294528256 Background



This preview shows how black text looks on a background with the Android color 4294528256.



This preview shows how white text looks on a background with the Android color 4294528256.

# 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**

[4294528256](#)

**Protanopia**

[4288449307](#)

**Deuteranopia**

[4289692672](#)



# Trichromacy



**Original Color**  
4294528256

**Protanomaly**  
4290671633

**Deuteranomaly**  
4291457024

**Tritanomaly**  
4294593072

# Monochromacy



**Original Color**  
4294528256

**Achromatopsia**  
4286085240

**Achromatomaly**  
4289161292

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294528256 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(249, 77, 0)` looks like.

```
.text, #text, p{  
    color:rgb(249, 77, 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(249, 77, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 77, 0) }
```

## Border

The CSS property to change the border of an element to Android 4294528256 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(249, 77, 0) }
```

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

```
.border{ border-color:rgb(249, 77, 0) }
```

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

Here you see how a box with a 4 pixel rgb(249, 77, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 77, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 77, 0);  
box-shadow:4px 4px 4px 4px rgb(249, 77, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4294528256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 77, 0) }
```

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

```
.background{ background-color: rgb(249, 77,  
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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