

# Converting Colors

Android(4294574146)

Have a look what the booklet for  
Android(4294574146) contains.

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**Color**

**Android(4294574146)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA0042
RGB	250, 0, 66
RGB Percent	98%, 0%, 26%
CMY	0.0196, 1.0000, 0.7412
CMYK	0.00, 1.00, 0.74, 0.02
HSL	344°, 100%, 49%
HSV	344°, 100%, 98%
XYZ	40.4077, 20.7173, 7.0234
YIQ	82.2740, 127.8140, 73.5260

# Conversions

## Conversions Part 2

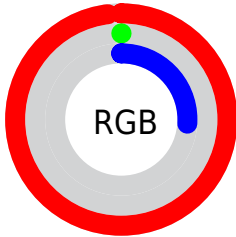
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 0, 66
Decimal	16384066
CIE <sub>Lab</sub>	52.64, 80.11, 38.13
CIE <sub>LCh</sub>	53, 88.720, 25.456
Yxy	20.7173, 0.5929, 0.3040
Android (android.graphics.Color)	4294574146 (0xFFFA0042)
YUV	82.2740, -8.0231, 147.0957
Hunter-Lab	45.5163, 78.8122, 22.7127

# Details

The Android color **4294574146** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **4278254264**, and the grayscale version is **4283585106**.

A 20% lighter version of the original color is **4294926450**, and **4290248728** is the 20% darker color. If you saturate the color by 10%, you get **4294574146**, and if you desaturate by 10%, it is **4294580564**.

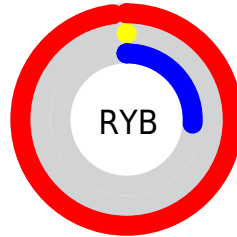
# Distribution



Red (98%)

Green (0%)

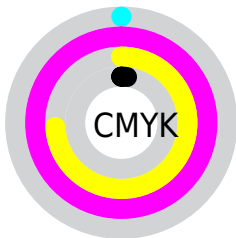
Blue (26%)



Red (98%)

Yellow (0%)

Blue (26%)

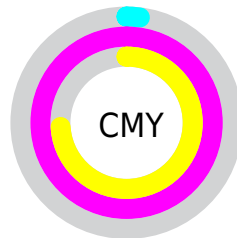


Cyan (0%)

Magenta (100%)

Yellow (74%)

Black (2%)



Cyan (2%)

Magenta (100%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294574146 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 4294574146 by changing the saturation by 10% instead.



 4294574146

 4294574146

4294967295

 4292411436

 4294926450

 4290248728

 4294934667

 4288151552

 4294942630

 4285988866

 4294950337

 4283957252

 4294958045

 4281860098

 4294966009

 4279042048

 4278190080

 4294574146

 4294580564

 4294586983

 4294593401

 4294599820

 4294606238

 4294612656

 4294619075

 4294625493

 4294631912

# Harmonies

## Analogous

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



4294508685



4294574146



4292432384

# Triad

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



4294574146



4278228757



4278226175

# Complementary

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



4294574146



4278254264

# 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.



4278229500



4294574146



4278230127

# Square

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



4294574146



4284058624



4278230462



4283068415

# Rectangle

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



4294574146



4290211072



4278230462



4278227711



# Sweetspot

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



4294574146



4294947783



4290183418



4286599774



4278190080



4286611584



# Same Dimension

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



4294574146



4294901827



4294588928



4286410868



4290576434



4282187792



# Inverse Universe

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



4294574146



4294901827



4278239482



4286410868



4290576434



4282187792



# Previews

## White Background



This preview shows how the Android color 4294574146 looks on a white background.

## Color Contrast Check

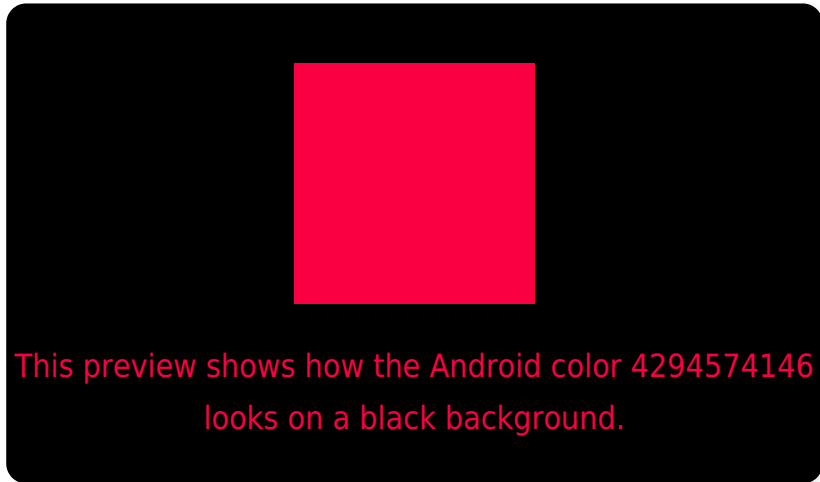
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294574146 Background



This preview shows how black text looks on a background with the Android color 4294574146.



This preview shows how white text looks on a background with the Android color 4294574146.

# 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**  
4294574146

**Protanopia**  
4287070051

**Deuteranopia**  
4288575797



# Trichromacy



**Original Color**

4294574146



**Protanomaly**

4289810775



**Deuteranomaly**

4290727226



**Tritanomaly**

4294512932

# Monochromacy



**Original Color**

4294574146



**Achromatopsia**

4283585106



**Achromatomaly**

4287575116

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294574146 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(250, 0, 66)` looks like.

```
.text, #text, p{  
    color:rgb(250, 0, 66)  
}
```

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(250, 0, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 0, 66) }
```

## Border

The CSS property to change the border of an element to Android 4294574146 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(250, 0, 66) }
```

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

```
.border{ border-color:rgb(250, 0, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 0, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 0, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 0, 66);  
box-shadow:4px 4px 4px 4px rgb(250, 0, 66)  
}
```

# Background

The CSS property to change the background color of an element to Android 4294574146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 0, 66) }
```

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

```
.background{ background-color: rgb(250, 0,  
66) }
```

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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