

# Converting Colors

Android(4294901873)

Have a look what the booklet for  
Android(4294901873) contains.

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**Color**

**Android(4294901873)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF0071
RGB	255, 0, 113
RGB Percent	100%, 0%, 44%
CMY	0.0000, 1.0000, 0.5569
CMYK	0.00, 1.00, 0.56, 0.00
HSL	333°, 100%, 50%
HSV	333°, 100%, 100%
XYZ	44.2206, 22.4523, 17.6258
YIQ	89.1270, 115.7070, 89.2030

# Conversions

## Conversions Part 2

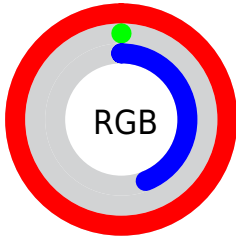
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 0, 113
Decimal	16711793
CIE <sub>Lab</sub>	54.50, 83.54, 12.56
CIE <sub>LCh</sub>	55, 84.479, 8.549
Yxy	22.4523, 0.5246, 0.2663
Android (android.graphics.Color)	4294901873 (0xFFFF0071)
YUV	89.1270, 11.7694, 145.4706
Hunter-Lab	47.3838, 83.6623, 11.1140

# Details

The Android color **4294901873** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **4278255502**, and the grayscale version is **4284045657**.

A 20% lighter version of the original color is **4294927268**, and **4290707522** is the 20% darker color. If you saturate the color by 10%, you get **4294901873**, and if you desaturate by 10%, it is **4294908287**.

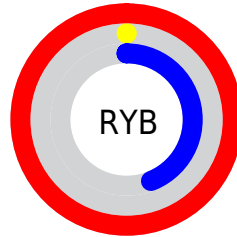
# Distribution



Red (100%)

Green (0%)

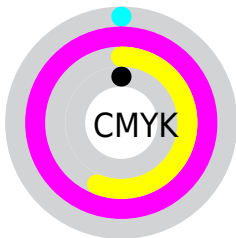
Blue (44%)



Red (100%)

Yellow (0%)

Blue (44%)

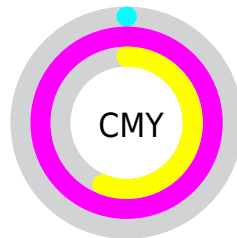


Cyan (0%)

Magenta (100%)

Yellow (56%)

Black (0%)



Cyan (0%)

Magenta (100%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294901873 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 4294901873 by changing the saturation by 10% instead.



 4294901873

 4294901873

4294967295

 4292804697

 4294927268

 4290707522

 4294935487

 4288610348

 4294943451

 4286513177

 4294951159

 4284481540

 4294959103

 4282449923

4294967039

 4280156161

 4278190080

 4294901873

 4294908287

 4294914957

 4294921628

 4294928042

 4294934712

 4294941126

 4294947796

 4294954211

 4294960881

# Harmonies

## Analogous

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



4293275577



4294901873



4294000426

# Triad

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



4294901873



4281636352



4278229503

# Complementary

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



4294901873



4278255502

# 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.



4278231261



4294901873



4278230601

# Square

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



4294901873



4287399424



4278231446



4278224383

# Rectangle

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



4294901873



4292369920



4278231446



4278230271



# Sweetspot

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



4294901873



4294947796



4287365375



4286599782



4278190080



4286611584



# Same Dimension

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



4294901873



4294905088



4286608248



4290707541



4282384412

# Inverse Universe

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



4294901873



4278252287



4286608248



4290707541



4282384412

# Previews

## White Background



This preview shows how the Android color 4294901873 looks on a white background.

## Color Contrast Check

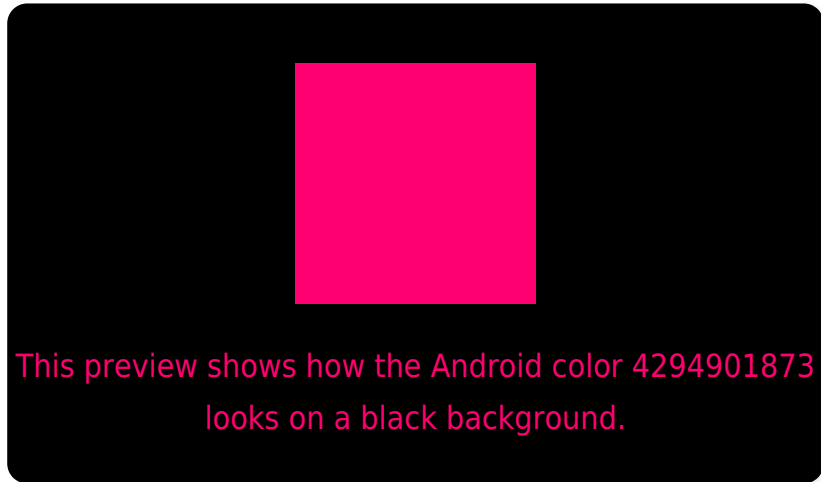
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294901873 Background



This preview shows how black text looks on a background with the Android color 4294901873.

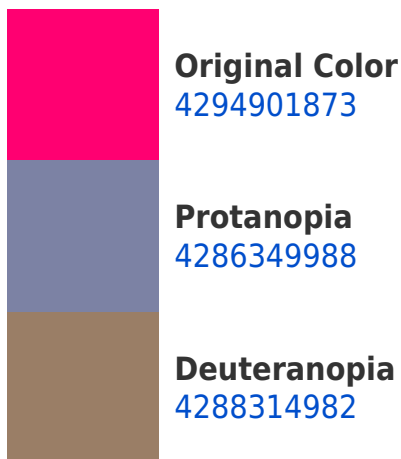


This preview shows how white text looks on a background with the Android color 4294901873.

# 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







# Trichromacy



**Original Color**

4294901873



**Protanomaly**

4289483665



**Deuteranomaly**

4290728042



**Tritanomaly**

4294778181

# Monochromacy



**Original Color**

4294901873



**Achromatopsia**

4284045657



**Achromatomaly**

4287969634

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294901873 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(255, 0, 113)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 113)  
}
```

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(255, 0, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 113) }
```

## Border

The CSS property to change the border of an element to Android 4294901873 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(255, 0, 113) }
```

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

```
.border{ border-color:rgb(255, 0, 113) }
```

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

Here you see how a box with a 4 pixel rgb(255, 0, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 113);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
113) }
```

# Background

The CSS property to change the background color of an element to Android 4294901873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 113) }
```

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

```
.background{ background-color: rgb(255, 0,  
113) }
```

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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