

# Converting Colors

Android(4294909871)

Have a look what the booklet for  
Android(4294909871) contains.

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**Color**

**Android(4294909871)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF1FAF
RGB	255, 31, 175
RGB Percent	100%, 12%, 69%
CMY	0.0000, 0.8784, 0.3137
CMYK	0.00, 0.88, 0.31, 0.00
HSL	321°, 100%, 56%
HSV	321°, 88%, 100%
XYZ	49.4678, 25.3351, 42.8404
YIQ	114.3920, 87.2800, 92.2720

# Conversions

## Conversions Part 2

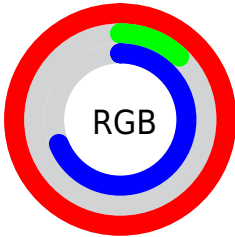
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 31, 175
Decimal	16719791
CIE <sub>Lab</sub>	57.40, 85.81, -20.00
CIE <sub>LCh</sub>	57, 88.109, 346.880
Yxy	25.3351, 0.4205, 0.2154
Android (android.graphics.Color)	4294909871 (0xFFFF1FAF)
YUV	114.3920, 29.8797, 123.3132
Hunter-Lab	50.3340, 87.3438, -15.2292

# Details

The Android color **4294909871** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **4280287087**, and the grayscale version is **4285690482**.

A 20% lighter version of the original color is **4294929895**, and **4290838650** is the 20% darker color. If you saturate the color by 10%, you get **4294903462**, and if you desaturate by 10%, it is **4294916536**.

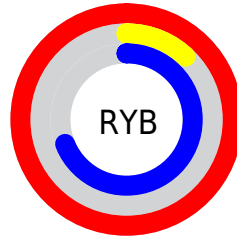
# Distribution



Red (100%)

Green (12%)

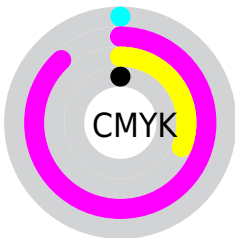
Blue (69%)



Red (100%)

Yellow (12%)

Blue (69%)

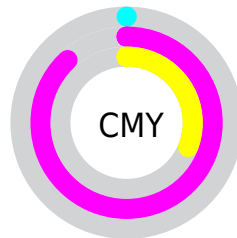


Cyan (0%)

Magenta (88%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (88%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294909871 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 4294909871 by changing the saturation by 10% instead.





4294909871



4294909871

4294967295



4292870292



4294929895



4290838650



4294938111



4288807009



4294946047



4286840905



4294953727



4284874803



4294961663



4282974238



4281073665



4278190080



4294909871



4294909871

■ 4294903462

■ 4294916536

■ 4294901924

■ 4294922945

■ 4294929354

■ 4294936019

■ 4294942685

■ 4294949094

■ 4294955759

■ 4294962168

4294967295

# Harmonies

## Analogous

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



4290796533



4294909871



4294906979

# Triad

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



4294909871



4286551040



4278233338

# Complementary

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



4294909871



4280287087

# 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.



4278233781



4294909871



4278231552

# Square

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



4294909871



4291000832



4278233188



4278230527

# Rectangle

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



4294909871



4294918193



4278233188



4278233573



# Sweetspot

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



4294909871



4294950375



4285341695



4286601329



4278190080



4286611584



# Same Dimension

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



4294909871



4294901924



4294909761



4286608251



4290707579



4282384425



# Inverse Universe

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



4294909871



4294901924



4280287197



4286608251



4290707579



4282384425



# Previews

## White Background



This preview shows how the Android color 4294909871 looks on a white background.

## Color Contrast Check

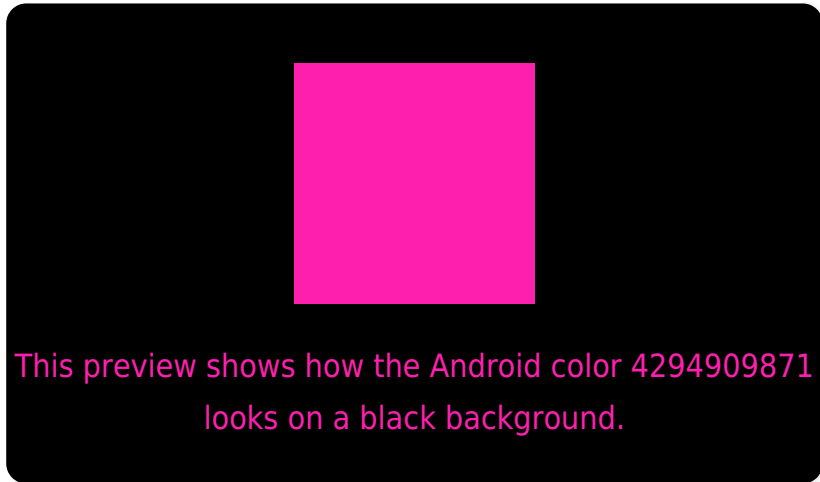
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294909871 Background



This preview shows how black text looks on a background with the Android color 4294909871.



This preview shows how white text looks on a background with the Android color 4294909871.

# 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**  
4294909871

**Protanopia**  
4283926517

**Deuteranopia**  
4287334308



**Tritanopia**  
4294461773

# Trichromacy



**Original Color**

4294909871



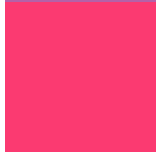
**Protanomaly**

4287914460



**Deuteranomaly**

4290077096



**Tritanomaly**

4294654577

# Monochromacy



**Original Color**

4294909871



**Achromatopsia**

4285690482



**Achromatomaly**

4289025160

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294909871 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, 31, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 31, 175)  
}
```

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, 31, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 31, 175) }
```

## Border

The CSS property to change the border of an element to Android 4294909871 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, 31, 175) }
```

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

```
.border{ border-color:rgb(255, 31, 175) }
```

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

Here you see how a box with a 4 pixel rgb(255, 31, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 31, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 31, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 31,  
175) }
```

# Background

The CSS property to change the background color of an element to Android 4294909871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 31, 175) }
```

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

```
.background{ background-color: rgb(255, 31,  
175) }
```

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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