

# Converting Colors

Android(4294917019)

Have a look what the booklet for  
Android(4294917019) contains.

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# **Color**

**Android(4294917019)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF3B9B
RGB	255, 59, 155
RGB Percent	100%, 23%, 61%
CMY	0.0000, 0.7686, 0.3922
CMYK	0.00, 0.77, 0.39, 0.00
HSL	331°, 100%, 62%
HSV	331°, 77%, 100%
XYZ	48.7204, 26.7545, 33.6066
YIQ	128.5480, 86.0000, 71.4080

# Conversions

## Conversions Part 2

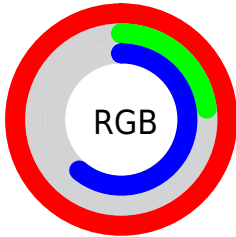
Format	Color
R <sub>Y</sub> B	255, 59, 155
Decimal	16726939
CIE Lab	58.75, 77.97, -6.29
CIE LCh	59, 78.225, 355.389
Yxy	26.7545, 0.4466, 0.2453
Android (android.graphics.Color)	4294917019 (0xFFFF3B9B)
YUV	128.5480, 13.0408, 110.8984
Hunter-Lab	51.7247, 77.6137, -2.3146

# Details

The Android color `4294917019` is a light color, and the websafe version is hex `FF3399`. The color can be described as light washed rose. A complement of this color would be `4282122143`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4294933713`, and `4290838632` is the 20% darker color. If you saturate the color by 10%, you get `4294910350`, and if you desaturate by 10%, it is `4294923688`.

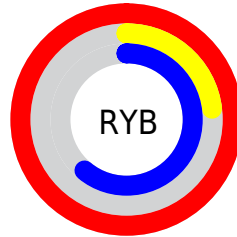
# Distribution



Red (100%)

Green (23%)

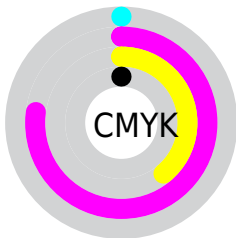
Blue (61%)



Red (100%)

Yellow (23%)

Blue (61%)

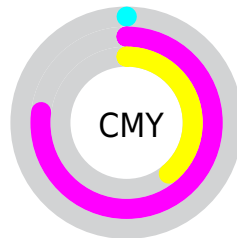


Cyan (0%)

Magenta (77%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (77%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294917019 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 4294917019 by changing the saturation by 10% instead.



 4294917019

 4294917019

4294967295

 4292870273

 4294933713

 4290838632

 4294941422

 4288806992

 4294949119

 4286840889

 4294956799

 4284874788

 4294964735

 4283039758

 4280942593

 4278190080

 4294917019

 4294917019

4294910350

4294923688

4294903937

4294930101

4294901885

4294936770

4294943183

4294949852

4294956265

4294962934

4294967295

# Harmonies

## Analogous

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



4292107228



4294917019



4294919511

# Triad

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



4294917019



4285700864



4278233086

# Complementary

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



4294917019



4282122143

# 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.



4278234055



4294917019



4278232632

# Square

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



4294917019



4289955584



4278233984



4278229503

# Rectangle

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



4294917019



4294008107



4278233984



4278233582



# Sweetspot

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



4294917019



4294952161



4288494591



4286602349



4278190080



4286611584



# Same Dimension

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



4294917019



4294907015



4294916923



4286608249



4290707550



4282384415



# Inverse Universe

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



4294917019



4294907015



4282122239



4286608249



4290707550



4282384415



# Previews

## White Background



This preview shows how the Android color 4294917019 looks on a white background.

## Color Contrast Check

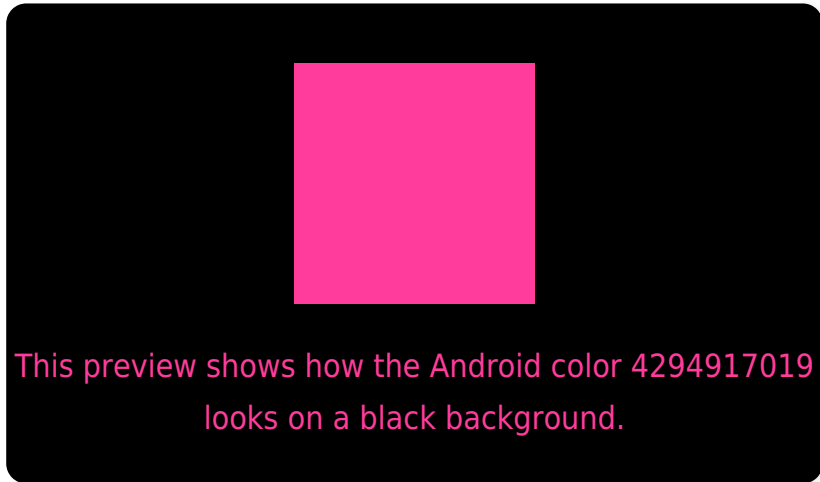
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294917019 Background



This preview shows how black text looks on a background with the Android color 4294917019.



This preview shows how white text looks on a background with the Android color 4294917019.

# 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**

4294917019



**Protanomaly**

4289294012



**Deuteranomaly**

4290735509



**Tritanomaly**

4294723694

# Monochromacy



**Original Color**

4294917019



**Achromatopsia**

4286677377



**Achromatomaly**

4289685642

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294917019 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, 59, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 59, 155)  
}
```

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, 59, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 59, 155) }
```

## Border

The CSS property to change the border of an element to Android 4294917019 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, 59, 155) }
```

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

```
.border{ border-color:rgb(255, 59, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 59, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 59, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 59, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 59,  
155) }
```

# Background

The CSS property to change the background color of an element to Android 4294917019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 59, 155) }
```

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

```
.background{ background-color: rgb(255, 59,  
155) }
```

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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