

# Converting Colors

Android(4294916564)

Have a look what the booklet for  
Android(4294916564) contains.

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# **Color**

**Android(4294916564)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF39D4
RGB	255, 57, 212
RGB Percent	100%, 22%, 83%
CMY	0.0000, 0.7765, 0.1686
CMYK	0.00, 0.78, 0.17, 0.00
HSL	313°, 100%, 61%
HSV	313°, 78%, 100%
XYZ	54.5868, 28.9397, 64.9962
YIQ	133.8720, 68.2530, 90.1810

# Conversions

## Conversions Part 2

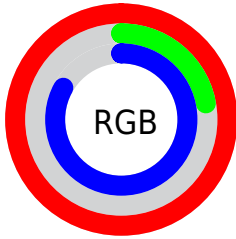
Format	Color
R <sub>Y</sub> B	255, 57, 212
Decimal	16726484
CIE Lab	60.73, 84.88, -36.11
CIE LCh	61, 92.245, 336.956
Yxy	28.9397, 0.3675, 0.1949
Android (android.graphics.Color)	4294916564 (0xFFFF39D4)
YUV	133.8720, 38.5171, 106.2293
Hunter-Lab	53.7957, 86.9827, -33.9776

# Details

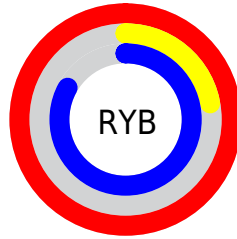
The Android color `4294916564` is a light color, and the websafe version is hex `FF33CC`. The color can be described as light washed magenta. A complement of this color would be `4281991012`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4294934015`, and `4290904221` is the 20% darker color. If you saturate the color by 10%, you get `4294909902`, and if you desaturate by 10%, it is `4294922970`.

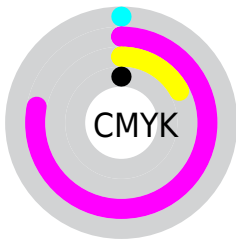
# Distribution



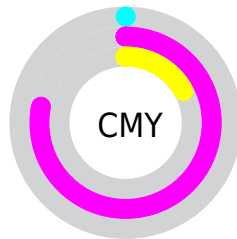
- Red (100%)
- Green (22%)
- Blue (83%)



- Red (100%)
- Yellow (22%)
- Blue (83%)



- Cyan (0%)
- Magenta (78%)
- Yellow (17%)
- Black (0%)



- Cyan (0%)
- Magenta (78%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294916564 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 4294916564 by changing the saturation by 10% instead.



 4294916564

 4294916564

4294967295

 4292870328

 4294934015

 4290904221

 4294941695

 4288938115

 4294949631

 4286972009

 4294957311

 4285071440

 4294965247

 4283301945

 4281335842

 4278255623

 4278190080

■ 4294916564

■ 4294916564

■ 4294909902

■ 4294922970

■ 4294903497

■ 4294929631

■ 4294901960

■ 4294936037

■ 4294942698

■ 4294949104

■ 4294955765

■ 4294962171

4294967295

# Harmonies

## Analogous

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



4289098495



4294916564



4294901891

# Triad

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



4294916564



4288779776



4278236403

# Complementary

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



4294916564



4281991012

# 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.



4278236324



4294916564



4282624000

# Square

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



4294916564



4293031424



4278235470



4278234367

# Rectangle

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



4294916564



4294913871



4278235470



4278236635



# Sweetspot

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



4294916564



4294952178



4284758527



4286602360



4278190080



4286611584



# Same Dimension

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



4294916564



4294906571



4294916465



4286608253



4290707606



4282384434



# Inverse Universe

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



4294916564



4294906571



4281991111



4286608253



4290707606



4282384434



# Previews

## White Background



This preview shows how the Android color 4294916564 looks on a white background.

## Color Contrast Check

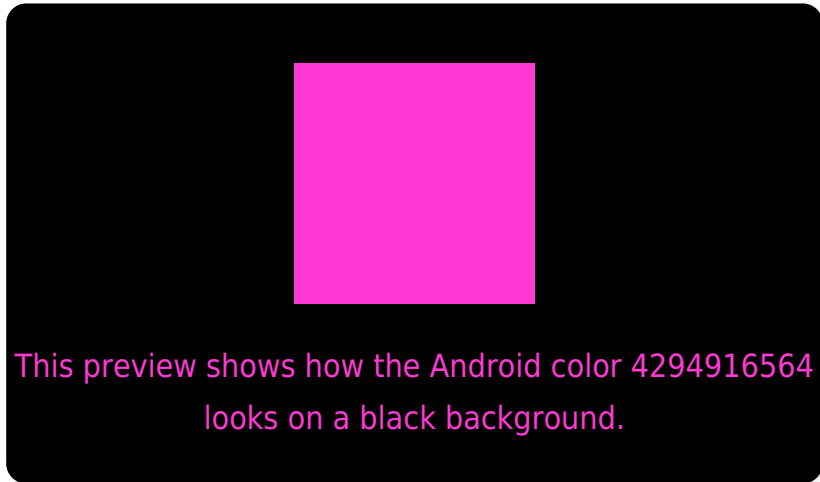
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294916564 Background



This preview shows how black text looks on a background with the Android color 4294916564.



This preview shows how white text looks on a background with the Android color 4294916564.

# 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**

4294916564



**Protanomaly**

4288311535



**Deuteranomaly**

4289688012



**Tritanomaly**

4294529678

# Monochromacy



**Original Color**

4294916564



**Achromatopsia**

4287006342



**Achromatomaly**

4289882786

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294916564 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, 57, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 57, 212)  
}
```

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, 57, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 57, 212) }
```

## Border

The CSS property to change the border of an element to Android 4294916564 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, 57, 212) }
```

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

```
.border{ border-color:rgb(255, 57, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 57, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 57, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 57, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 57,  
212) }
```

# Background

The CSS property to change the background color of an element to Android 4294916564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 57, 212) }
```

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

```
.background{ background-color: rgb(255, 57,  
212) }
```

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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