

# Converting Colors

Android(4294901983)

Have a look what the booklet for  
Android(4294901983) contains.

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**Color**

**Android(4294901983)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF00DF
RGB	255, 0, 223
RGB Percent	100%, 0%, 87%
CMY	0.0000, 1.0000, 0.1255
CMYK	0.00, 1.00, 0.13, 0.00
HSL	308°, 100%, 50%
HSV	308°, 100%, 100%
XYZ	54.5593, 26.5877, 72.0684
YIQ	101.6670, 80.3970, 123.4130

# Conversions

## Conversions Part 2

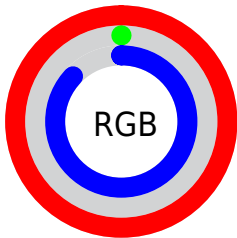
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 0, 223
Decimal	16711903
CIE <sub>Lab</sub>	58.59, 94.03, -45.69
CIE <sub>LCh</sub>	59, 104.543, 334.083
Yxy	26.5877, 0.3561, 0.1735
Android (android.graphics.Color)	4294901983 (0xFFFF00DF)
YUV	101.6670, 59.8172, 134.4730
Hunter-Lab	51.5633, 98.6357, -46.7735

# Details

The Android color **4294901983** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **4278255392**, and the grayscale version is **4284835173**.

A 20% lighter version of the original color is **4294928639**, and **4290838695** is the 20% darker color. If you saturate the color by 10%, you get **4294901983**, and if you desaturate by 10%, it is **4294908386**.

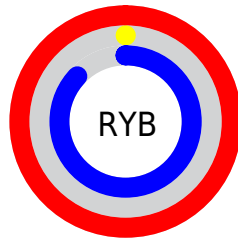
# Distribution



Red (100%)

Green (0%)

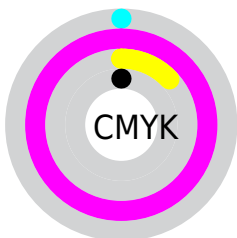
Blue (87%)



Red (100%)

Yellow (0%)

Blue (87%)

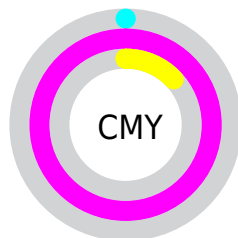


Cyan (0%)

Magenta (100%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (100%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294901983 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 4294901983 by changing the saturation by 10% instead.





4294901983



4294901983

4294967295



4292870339



4294928639



4290838695



4294937087



4288872588



4294945023



4286906482



4294952959



4284940377



4294960895



4283105345



4281139242



4278190099



4278190080

 4294901983

 4294908386

 4294915045

 4294921705

 4294928108

 4294934767

 4294941170

 4294947829

 4294954233

 4294960892

# Harmonies

## Analogous

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



4287458559



4294901983



4294901893

# Triad

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



4294901983



4288777728



4278235635

# Complementary

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



4294901983



4278255392

# 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.



4278235544



4294901983



4281639680

# Square

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



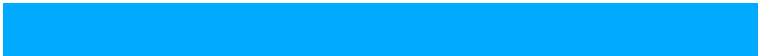
4294901983



4293420544



4278234419



4278234111

# Rectangle

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



4294901983



4294901834



4278234419



4278235606



# Sweetspot

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



4294901983



4294947829



4280156415



4286599802



4278190080



4286611584



# Same Dimension

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



4294901983



4294901858



4286608254



4290707623



4282384440

# Inverse Universe

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



4294901983



4278255517



4286608254



4290707623



4282384440

# Previews

## White Background



This preview shows how the Android color 4294901983 looks on a white background.

## Color Contrast Check

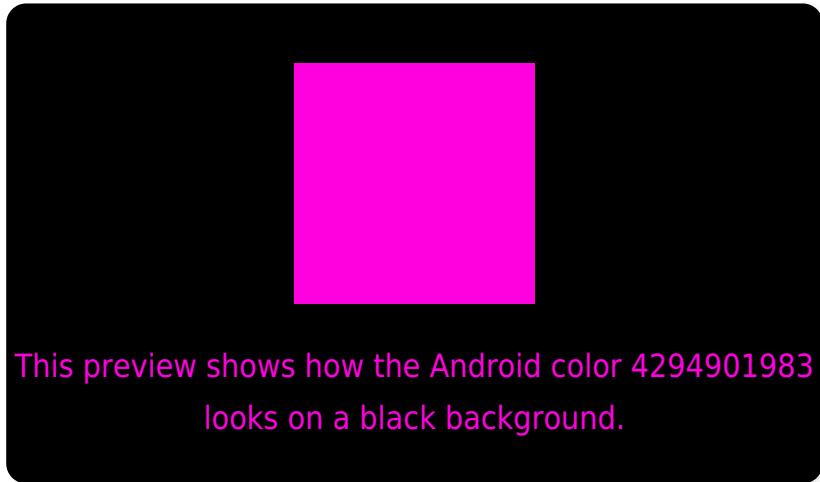
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294901983 Background



This preview shows how black text looks on a background with the Android color 4294901983.



This preview shows how white text looks on a background with the Android color 4294901983.

# 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**

4294901983

**Protanopia**

4283730943

**Deuteranopia**

4285631953





# Trichromacy



**Original Color**  
4294901983



**Protanomaly**  
4287781107



**Deuteranomaly**  
4289026774



**Tritanomaly**  
4294391948

# Monochromacy



**Original Color**  
4294901983



**Achromatopsia**  
4284900966



**Achromatomaly**  
4288561554

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294901983 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 223) }
```

## Border

The CSS property to change the border of an element to Android 4294901983 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, 223) }
```

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

```
.border{ border-color:rgb(255, 0, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
223) }
```

# Background

The CSS property to change the background color of an element to Android 4294901983 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, 223) }
```

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

```
.background{ background-color: rgb(255, 0,  
223) }
```

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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