

# Converting Colors

Android(4294921201)

Have a look what the booklet for  
Android(4294921201) contains.

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# **Color**

**Android(4294921201)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF4BF1
RGB	255, 75, 241
RGB Percent	100%, 29%, 95%
CMY	0.0000, 0.7059, 0.0549
CMYK	0.00, 0.71, 0.05, 0.00
HSL	305°, 100%, 65%
HSV	305°, 71%, 100%
XYZ	59.6333, 32.6430, 86.3768
YIQ	147.7440, 53.9940, 89.7860

# Conversions

## Conversions Part 2

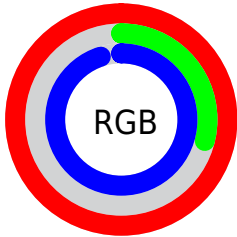
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 75, 241
Decimal	16731121
CIE Lab	63.87, 83.77, -47.44
CIE LCh	64, 96.269, 330.479
Yxy	32.6430, 0.3338, 0.1827
Android (android.graphics.Color)	4294921201 (0xFFFF4BF1)
YUV	147.7440, 45.9752, 94.0635
Hunter-Lab	57.1341, 86.3234, -49.6423

# Details

The Android color `4294921201` is a light color, and the websafe version is hex `FF66FF`. The color can be described as light washed magenta. A complement of this color would be `4283170649`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4294937343`, and `4290904248` is the 20% darker color. If you saturate the color by 10%, you get `4294914799`, and if you desaturate by 10%, it is `4294927859`.

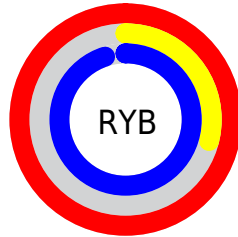
# Distribution



Red (100%)

Green (29%)

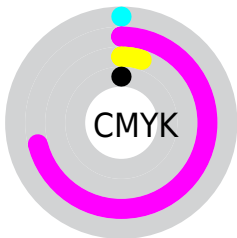
Blue (95%)



Red (100%)

Yellow (29%)

Blue (95%)

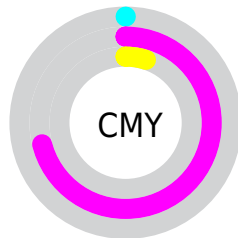


Cyan (0%)

Magenta (71%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (71%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294921201 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 4294921201 by changing the saturation by 10% instead.



 4294921201

 4294921201

4294967295

 4292879316

 4294937343

 4290904248

 4294945023

 4288938141

 4294952703

 4287037570

 4294960639

 4285137001

 4283301968

 4281466936

 4279042081

 4278190086

 4294921201

 4294921201

 4294914799

 4294927859

 4294908141

 4294934261

 4294901995

 4294940919

 4294947321

 4294953979

 4294960381

4294967039

4294967295

# Harmonies

## Analogous

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



4287464447



4294921201



4294901917

# Triad

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



4294921201



4290418688



4278238960

# Complementary

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



4294921201



4283170649

# 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.



4278238874



4294921201



4284657152

# Square

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



4294921201



4294669056



4278237501



4278237439

# Rectangle

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



4294921201



4294910053



4278237501



4278239189



# Sweetspot

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



4294921201



4294953467



4283911167



4286603389



4278190080



4286611584



# Same Dimension

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



4294921201



4294911726



4294921113



4286608255



4290707632



4282384443



# Inverse Universe

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



4294921201



4294911726



4283170737



4286608255



4290707632

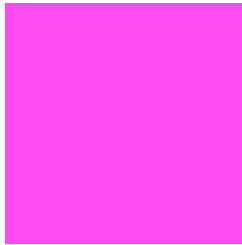


4282384443



# Previews

## White Background



This preview shows how the Android color 4294921201 looks on a white background.

## Color Contrast Check

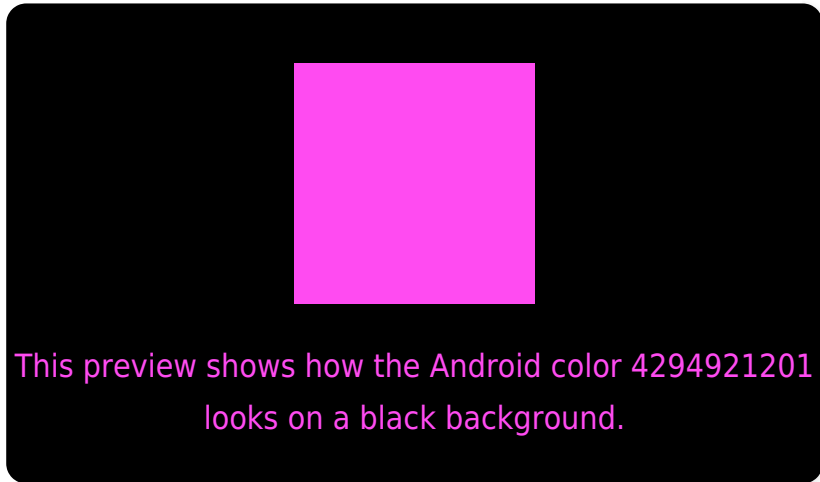
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4294921201 Background



This preview shows how black text looks on a background with the Android color 4294921201.



This preview shows how white text looks on a background with the Android color 4294921201.

# 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**  
4294921201

**Protanopia**  
4285503743

**Deuteranopia**  
4286225125



# Trichromacy



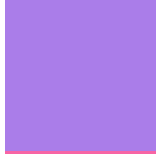
**Original Color**

4294921201



**Protanomaly**

4288904442



**Deuteranomaly**

4289363433



**Tritanomaly**

4294403237

# Monochromacy



**Original Color**

4294921201



**Achromatopsia**

4287927444



**Achromatomaly**

4290476470

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294921201 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, 75, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 75, 241)  
}
```

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, 75, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 75, 241) }
```

## Border

The CSS property to change the border of an element to Android 4294921201 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, 75, 241) }
```

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

```
.border{ border-color:rgb(255, 75, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 75, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 75, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 75, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 75,  
241) }
```

# Background

The CSS property to change the background color of an element to Android 4294921201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 75, 241) }
```

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

```
.background{ background-color: rgb(255, 75,  
241) }
```

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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