

# Converting Colors

Android(4294338548)

Have a look what the booklet for  
Android(4294338548) contains.

<b>Android(4294338548)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4294338548)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F667F4
RGB	246, 103, 244
RGB Percent	96%, 40%, 96%
CMY	0.0353, 0.5961, 0.0431
CMYK	0.00, 0.58, 0.01, 0.04
HSL	301°, 89%, 68%
HSV	301°, 58%, 96%
XYZ	59.1854, 35.8250, 89.3834
YIQ	161.8310, 39.9670, 74.1670

# Conversions

## Conversions Part 2

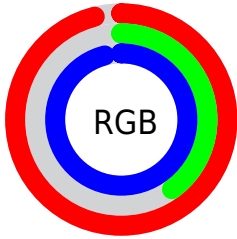
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	246, 103, 244
Decimal	16148468
CIE <sub>Lab</sub>	66.39, 71.86, -45.22
CIE <sub>LCh</sub>	66, 84.902, 327.816
Yxy	35.8250, 0.3210, 0.1943
Android (android.graphics.Color)	4294338548 (0xFFFF667F4)
YUV	161.8310, 40.5093, 73.8162
Hunter-Lab	59.8540, 71.7617, -46.6435

# Details

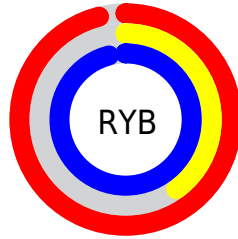
The Android color **4294338548** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **4285003369**, and the grayscale version is **4288782753**.

A 20% lighter version of the original color is **4294943231**, and **4290389947** is the 20% darker color. If you saturate the color by 10%, you get **4294332148**, and if you desaturate by 10%, it is **4294344948**.

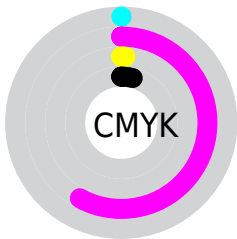
# Distribution



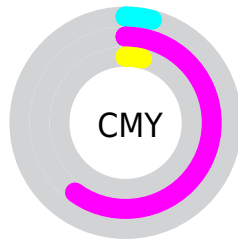
- Red (96%)
- Green (40%)
- Blue (96%)



- Red (96%)
- Yellow (40%)
- Blue (96%)



- Cyan (0%)
- Magenta (58%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (60%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294338548 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 4294338548 by changing the saturation by 10% instead.



 4294338548

 4294338548

4294967295

 4292364759

 4294943231

 4290389947

 4294950655

 4288479392


 4294958079

 4286644357

 4294965759

 4284809323

 4282974290

 4281270331

 4278648868

 4278190091

4294338548

4294338548

4294332148

4294344948

4294326003

4294351093

4294319603

4294357493

4294313459

4294363637

4294312179

4294370038

4294376438

4294377462

4294377463

# Harmonies

## Analogous

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



4287533055



4294338548



4294919850

# Triad

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



4294338548



4291271680



4278240231

# Complementary

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



4294338548



4285003369

# 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.



4278239897



4294338548



4286361856

# Square

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



4294338548



4294933516



4278238537



4278238719

# Rectangle

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



4294338548



4294921080



4278238537



4278240206



# Sweetspot

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



4294338548



4294956286



4284966902



4286604927



4278190080



4286611584



# Same Dimension

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



4294338548



4294921725



4294338479



4286213754



4290379960



4282056762



# Inverse Universe

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



4294338548



4294921725



4285003439



4286213754



4290379960



4282056762



# Previews

## White Background



This preview shows how the Android color 4294338548 looks on a white background.

## Color Contrast Check

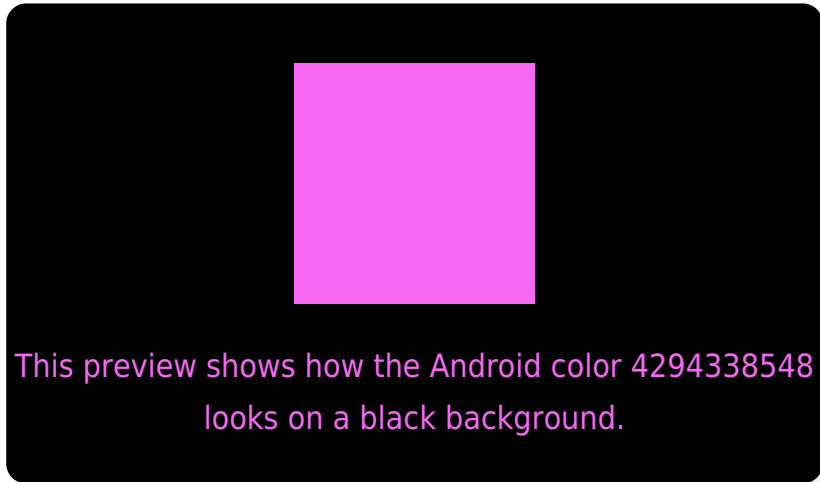
Large Text (above 18pt) WCAG AA × Fail

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

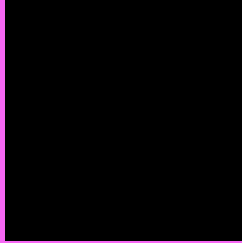
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4294338548 Background



This preview shows how black text looks on a background with the Android color 4294338548.



This preview shows how white text looks on a background with the Android color 4294338548.

# 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**  
4294338548

**Protanopia**  
4286357503

**Deuteranopia**  
4286882026



**Tritanopia**  
4293559181

# Trichromacy



**Original Color**

4294338548



**Protanomaly**

4289235963



**Deuteranomaly**

4289563630



**Tritanomaly**

4293818802

# Monochromacy



**Original Color**

4294338548



**Achromatopsia**

4288848546



**Achromatomaly**

4290874816

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294338548 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(246, 103, 244)` looks like.

```
.text, #text, p{  
    color:rgb(246, 103, 244)  
}
```

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(246, 103, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 103, 244) }
```

## Border

The CSS property to change the border of an element to Android 4294338548 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(246, 103, 244) }
```

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

```
.border{ border-color:rgb(246, 103, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 103, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 103, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 103, 244);  
box-shadow:4px 4px 4px 4px rgb(246, 103,  
244) }
```

# Background

The CSS property to change the background color of an element to Android 4294338548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 103, 244) }
```

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

```
.background{ background-color: rgb(246,  
103, 244) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor