

# Converting Colors

Android(4294405833)

Have a look what the booklet for  
Android(4294405833) contains.

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# **Color**

**Android(4294405833)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F76EC9
RGB	247, 110, 201
RGB Percent	97%, 43%, 79%
CMY	0.0314, 0.5686, 0.2118
CMYK	0.00, 0.55, 0.19, 0.03
HSL	320°, 90%, 70%
HSV	320°, 55%, 97%
XYZ	54.4763, 35.1431, 59.1704
YIQ	161.3370, 52.4410, 57.3450

# Conversions

## Conversions Part 2

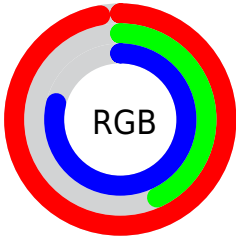
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 110, 201
Decimal	16215753
CIE Lab	65.86, 62.49, -22.07
CIE LCh	66, 66.269, 340.545
Yxy	35.1431, 0.3661, 0.2362
Android (android.graphics.Color)	4294405833 (0xFFFF76EC9)
YUV	161.3370, 19.5539, 75.1265
Hunter-Lab	59.2816, 60.2883, -17.6817

# Details

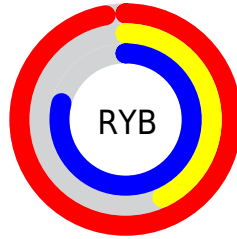
The Android color `4294405833` is a light color, and the websafe version is hex `FF66CC`. A complement of this color would be `4285462428`, and the grayscale version is `4288782753`.

A 20% lighter version of the original color is `4294944767`, and `4290524307` is the 20% darker color. If you saturate the color by 10%, you get `4294399425`, and if you desaturate by 10%, it is `4294412241`.

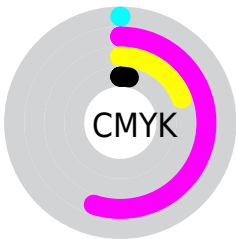
# Distribution



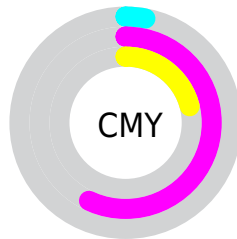
- Red (97%)
- Green (43%)
- Blue (79%)



- Red (97%)
- Yellow (43%)
- Blue (79%)



- Cyan (0%)
- Magenta (55%)
- Yellow (19%)
- Black (3%)



- Cyan (3%)
- Magenta (57%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294405833 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 4294405833 by changing the saturation by 10% instead.



 4294405833

 4294405833

4294967295

 4292432558

 4294944767

 4290524307

 4294951935

 4288612985

 4294959615

 4286709856

4294967039

 4284874824

 4283105329

 4281401372

 4278452224

 4278190080

4294405833

4294405833

4294399425

4294412241

4294393272

4294418394

4294386864

4294424802

4294380456

4294431210

4294377636

4294437618

4294443003

4294443007

# Harmonies

## Analogous

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



4290676731



4294405833



4294928013

# Triad

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



4294405833



4289438742



4278237932

# Complementary

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



4294405833



4285462428

# 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.



4278238388



4294405833



4285116990

# Square

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



4294405833



4292710183



4278237814



4278235647

# Rectangle

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



4294405833



4294930279



4278237814



4278238171



# Sweetspot

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



4294405833



4294956272



4288442103



4286604919



4278190080



4286611584



# Same Dimension

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



4294405833



4294923462



4294405765



4286213750



4290379900



4282056743



# Inverse Universe

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



4294405833



4294923462



4285462496



4286213750



4290379900



4282056743



# Previews

## White Background



This preview shows how the Android color 4294405833 looks on a white background.

## Color Contrast Check

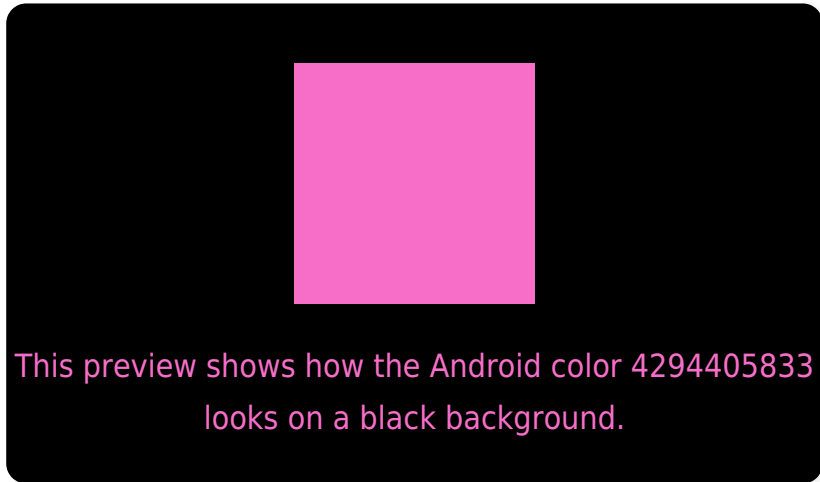
Large Text (above 18pt) WCAG AA × Fail

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 4294405833 Background



This preview shows how black text looks on a background with the Android color 4294405833.



This preview shows how white text looks on a background with the Android color 4294405833.

# 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**  
4294405833



**Protanomaly**  
4289695200



**Deuteranomaly**  
4290809028



**Tritanomaly**  
4294146206

# Monochromacy



**Original Color**  
4294405833



**Achromatopsia**  
4288782753



**Achromatomaly**  
4290809520

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294405833 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(247, 110, 201)` looks like.

```
.text, #text, p{  
    color:rgb(247, 110, 201)  
}
```

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(247, 110, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 110, 201) }
```

## Border

The CSS property to change the border of an element to Android 4294405833 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(247, 110, 201) }
```

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

```
.border{ border-color:rgb(247, 110, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 110, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 110, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 110, 201);  
box-shadow:4px 4px 4px 4px rgb(247, 110,  
201) }
```

# Background

The CSS property to change the background color of an element to Android 4294405833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 110, 201) }
```

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

```
.background{ background-color: rgb(247,  
110, 201) }
```

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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