

# Converting Colors

Android(4293946096)

Have a look what the booklet for  
Android(4293946096) contains.

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# **Color**

**Android(4293946096)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F06AF0
RGB	240, 106, 240
RGB Percent	94%, 42%, 94%
CMY	0.0588, 0.5843, 0.0588
CMYK	0.00, 0.56, 0.00, 0.06
HSL	300°, 82%, 68%
HSV	300°, 56%, 94%
XYZ	56.8174, 35.1246, 86.2232
YIQ	161.3420, 36.8500, 70.0820

# Conversions

## Conversions Part 2

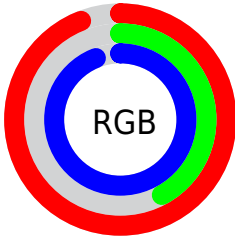
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	240, 106, 240
Decimal	15756016
CIE <sub>Lab</sub>	65.85, 68.41, -43.92
CIE <sub>LCh</sub>	66, 81.298, 327.300
Yxy	35.1246, 0.3189, 0.1971
Android (android.graphics.Color)	4293946096 (0xFFFF06AF0)
YUV	161.3420, 38.7784, 68.9831
Hunter-Lab	59.2660, 67.4096, -44.7719

# Details

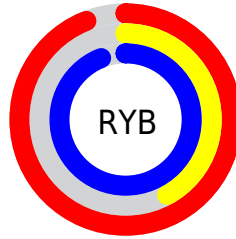
The Android color **4293946096** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **4285198442**, and the grayscale version is **4288782753**.

A 20% lighter version of the original color is **4294943743**, and **4290063799** is the 20% darker color. If you saturate the color by 10%, you get **4293939952**, and if you desaturate by 10%, it is **4293952240**.

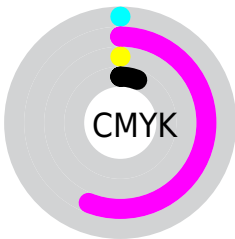
# Distribution



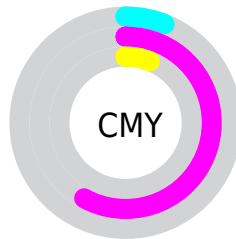
- Red (94%)
- Green (42%)
- Blue (94%)



- Red (94%)
- Yellow (42%)
- Blue (94%)



- Cyan (0%)
- Magenta (56%)
- Yellow (0%)
- Black (6%)



- Cyan (6%)
- Magenta (58%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293946096 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 4293946096 by changing the saturation by 10% instead.



 4293946096

 4293946096

4294967295

 4291972563

 4294943743

 4290063799

 4294951167

 4288151708


 4294958591

 4286316674

 4294966271

 4284481640

 4282712143

 4281008184

 4278190113

 4278190086

 4293946096

 4293946096

 4293939952

 4293952240

 4293933808

 4293958384

 4293927664

 4293964528

 4293921520

 4293970672

 4293918960

 4293976816

 4293982960

 4293984240

# Harmonies

## Analogous

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



4287401983



4293946096



4294921642

# Triad

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



4293946096



4291205888



4278239457

# Complementary

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



4293946096



4285198442

# 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.



4278239383



4293946096



4286557952

# Square

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



4293946096



4294736922



4278238027



4278237951

# Rectangle

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



4293946096



4294922361



4278238027



4278239689



# Sweetspot

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



4293946096



4294956287



4285164272



4286604928



4278190080



4286611584



# Same Dimension

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



4293946096



4294923519



4293946029



4286082168



4290248888



4281860152



# Inverse Universe

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



4293946096



4294923519



4285198509



4286082168



4290248888

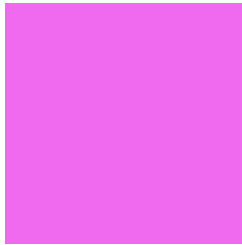


4281860152



# Previews

## White Background



This preview shows how the Android color 4293946096 looks on a white background.

## Color Contrast Check

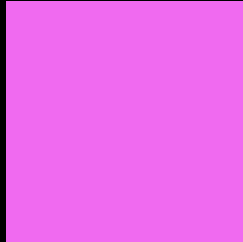
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4293946096 looks on a 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 4293946096 Background



This preview shows how black text looks on a background with the Android color 4293946096.



This preview shows how white text looks on a background with the Android color 4293946096.

# 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**  
4293946096

**Protanopia**  
4286225919

**Deuteranopia**  
4286881767



**Tritanopia**  
4293166222

# Trichromacy



**Original Color**

4293946096



**Protanomaly**

4289039098



**Deuteranomaly**

4289432810



**Tritanomaly**

4293426098

# Monochromacy



**Original Color**

4293946096



**Achromatopsia**

4288782753



**Achromatomaly**

4290678206

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293946096 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(240, 106, 240)` looks like.

```
.text, #text, p{  
    color:rgb(240, 106, 240)  
}
```

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(240, 106, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 106, 240) }
```

## Border

The CSS property to change the border of an element to Android 4293946096 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(240, 106, 240) }
```

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

```
.border{ border-color:rgb(240, 106, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 106, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 106, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 106, 240);  
box-shadow:4px 4px 4px 4px rgb(240, 106,  
240) }
```

# Background

The CSS property to change the background color of an element to Android 4293946096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 106, 240) }
```

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

```
.background{ background-color: rgb(240,  
106, 240) }
```

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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