

# Converting Colors

Android(4294276066)

Have a look what the booklet for  
Android(4294276066) contains.

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# **Color**

**Android(4294276066)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F573E2
RGB	245, 115, 226
RGB Percent	96%, 45%, 89%
CMY	0.0392, 0.5490, 0.1137
CMYK	0.00, 0.53, 0.08, 0.04
HSL	309°, 87%, 71%
HSV	309°, 53%, 96%
XYZ	57.5144, 37.1649, 76.0937
YIQ	166.5240, 41.8490, 62.0810

# Conversions

## Conversions Part 2

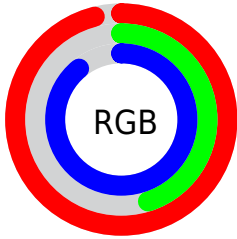
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 115, 226
Decimal	16085986
CIE <sub>Lab</sub>	67.40, 63.43, -33.69
CIE <sub>LCh</sub>	67, 71.818, 332.024
Yxy	37.1649, 0.3368, 0.2176
Android (android.graphics.Color)	4294276066 (0xFFFF573E2)
YUV	166.5240, 29.3217, 68.8235
Hunter-Lab	60.9630, 61.7170, -31.3313

# Details

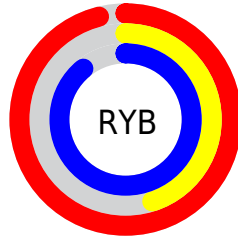
The Android color `4294276066` is a light color, and the websafe version is hex `FF66CC`. A complement of this color would be `4285789574`, and the grayscale version is `4289111718`.

A 20% lighter version of the original color is `4294946047`, and `4290394538` is the 20% darker color. If you saturate the color by 10%, you get `4294269918`, and if you desaturate by 10%, it is `4294282470`.

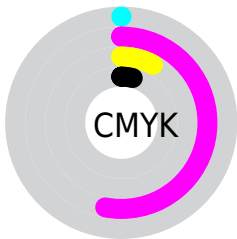
# Distribution



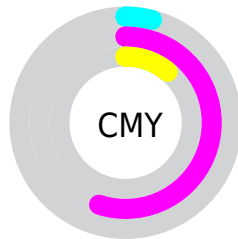
- Red (96%)
- Green (45%)
- Blue (89%)



- Red (96%)
- Yellow (45%)
- Blue (89%)



- Cyan (0%)
- Magenta (53%)
- Yellow (8%)
- Black (4%)



- Cyan (4%)
- Magenta (55%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294276066 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 4294276066 by changing the saturation by 10% instead.



 4294276066

 4294276066

4294967295

 4292302790

 4294946047

 4290394538

 4294953215

 4288485008

 4294960895

 4286644342

 4284874845

 4283039812

 4281466926

 4278845464

 4278190080

 4294276066

 4294276066

 4294269918

 4294282470

 4294263515

 4294288617

 4294257367

 4294295021

 4294250964

 4294301168

 4294246609

 4294307572

 4294311927

 4294311931

 4294311935

# Harmonies

## Analogous

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



4289303039



4294276066



4294927010

# Triad

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



4294276066



4290749184



4278239719

# Complementary

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



4294276066



4285789574

# 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.



4278239911



4294276066



4286493735

# Square

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



4294276066



4294085163



4278238820



4278237951

# Rectangle

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



4294276066



4294928248



4278238820



4278239955



# Sweetspot

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



4294276066



4294956793



4286870517



4286605180



4278190080



4286611584



# Same Dimension

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



4294276066



4294925543



4294276003



4286213753



4290379935



4282056754



# Inverse Universe

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



4294276066



4294925543



4285789637



4286213753



4290379935

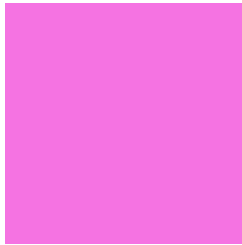


4282056754



# Previews

## White Background



This preview shows how the Android color 4294276066 looks on a white background.

## Color Contrast Check

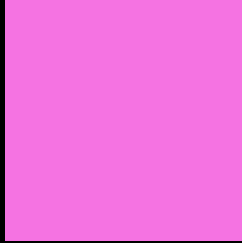
Large Text (above 18pt) WCAG AA × Fail

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 4294276066 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 4294276066 Background



This preview shows how black text looks on a background with the Android color 4294276066.




This preview shows how white text looks on a background with the Android color 4294276066.

# 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





**Tritanopia**  
4293691280

# Trichromacy



**Original Color**

4294276066



**Protanomaly**

4289499636



**Deuteranomaly**

4290351581



**Tritanomaly**

4293886126

# Monochromacy



**Original Color**

4294276066



**Achromatopsia**

4289177511



**Achromatomaly**

4291007676

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294276066 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(245, 115, 226)` looks like.

```
.text, #text, p{  
    color:rgb(245, 115, 226)  
}
```

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(245, 115, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 115, 226) }
```

## Border

The CSS property to change the border of an element to Android 4294276066 is called "border". The border property can be set on classes, ids or directly on the HTML element.

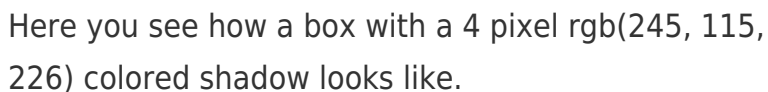
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 115, 226) }
```

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

```
.border{ border-color:rgb(245, 115, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(245, 115, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 115, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 115, 226); box-shadow:4px 4px 4px 4px rgb(245, 115, 226) }
```

# Background

The CSS property to change the background color of an element to Android 4294276066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 115, 226) }
```

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

```
.background{ background-color: rgb(245,  
115, 226) }
```

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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