

# Converting Colors

Hex(F845F0)

Have a look what the booklet for  
Hex(F845F0) contains.

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**Color**

**Hex(F845F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F845F0
RGB	248, 69, 240
RGB Percent	97%, 27%, 94%
CMY	0.0275, 0.7294, 0.0588
CMYK	0.00, 0.72, 0.03, 0.03
HSL	303°, 93%, 62%
HSV	303°, 72%, 97%
XYZ	56.5677, 30.5040, 85.3445
YIQ	142.0150, 51.7930, 91.1290

# Conversions

## Conversions Part 2

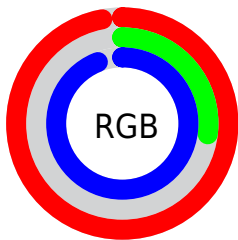
Format	Color
R <sub>Y</sub> B	248, 69, 240
Decimal	16270832
CIE Lab	62.09, 84.00, -49.77
CIE LCh	62, 97.636, 329.352
Yxy	30.5040, 0.3281, 0.1769
Android (android.graphics.Color)	4294460912 (0xFFFF845F0)
YUV	142.0150, 48.3066, 92.9488
Hunter-Lab	55.2304, 86.1688, -52.9563

# Details

The Hex color **F845F0** 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 **45F84D**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF85FF**, and **BB00B7** is the 20% darker color. If you saturate the color by 10%, you get **F82CEF**, and if you desaturate by 10%, it is **F85EF1**.

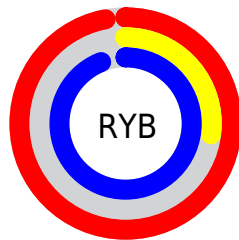
# Distribution



Red (97%)

Green (27%)

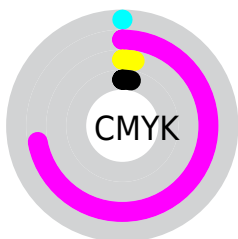
Blue (94%)



Red (97%)

Yellow (27%)

Blue (94%)

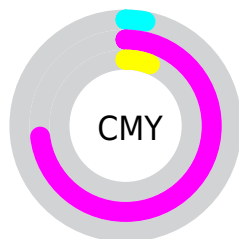


Cyan (0%)

Magenta (72%)

Yellow (3%)

Black (3%)



Cyan (3%)

Magenta (73%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F845F0 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 Hex color F845F0 by changing the saturation by 10% instead.



 F845F0

 F845F0

FFFFFF

 DA19D3

 FF85FF

 BB00B7

 FFA3FF

 9E009C

 FFC1FF

 810081

 FFDFFF

 640067

FFFEFF

 48004F

 2B0037

 000020

 000004

 F845F0

 F845F0

 F82CEF

 F85EF1

 F813EE

 F877F2

 F800ED

 F88FF3

 F8A8F4

 F8C1F6

 F8DAF7

 F8F3F8

 F8FFF9

 F8FFFA

# Harmonies

## Analogous

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



7F7FFF



F845F0



FF009C

# Triad

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



F845F0



B89200



00BAEA

# Complementary

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



F845F0



45F84D

# 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.



00B992



F845F0



60A900

# Square

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



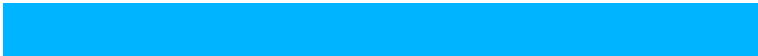
F845F0



F96B00



00B433



00B4FF

# Rectangle

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



F845F0



FF0063



00B433



00BACD



# Sweetspot

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



F845F0



FFC7FC



4B45F8



805E7E



000000



808080



# Same Dimension

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



F845F0



FF21F5



F84599



7D707C



BD00B4



3D003A



# Inverse Universe

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



F845F0



FF21F5



45F8A4



7D707C



BD00B4



3D003A



# Previews

## White Background



This preview shows how the Hex color F845F0 looks on a white background.

## Color Contrast Check

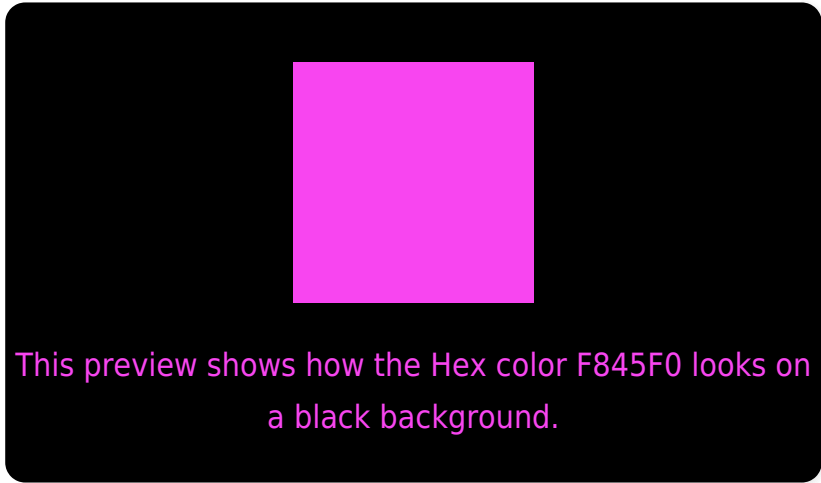
Large Text (above 18pt) WCAG AA × Fail

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

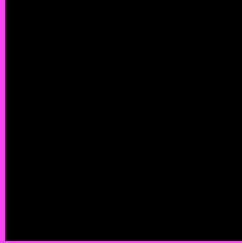
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F845F0 Background



This preview shows how black text looks on a background with the Hex color F845F0.

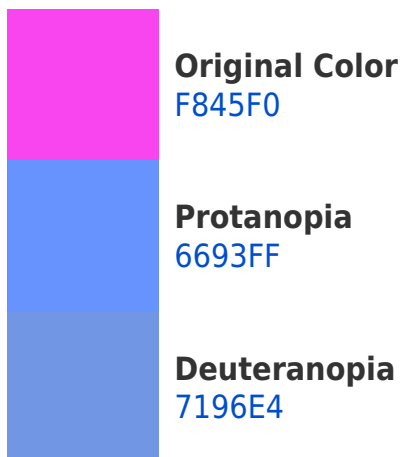


This preview shows how white text looks on a background with the Hex color F845F0.

# 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**  
EB6F76

# Trichromacy



**Original Color**  
F845F0



**Protanomaly**  
9B77FA



**Deuteranomaly**  
A279E8



**Tritanomaly**  
F060A2

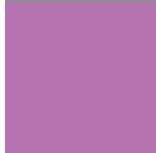
# Monochromacy



**Original Color**  
F845F0



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
B573B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F845F0 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 #F845F0 looks like.

```
.text, #text, p{  
    color:#F845F0  
}
```

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 #F845F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F845F0
}
```

## Border

The CSS property to change the border of an element to Hex F845F0 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
#F845F0 }
```

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

```
.border{ border-color:#F845F0 }
```

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

Here you see how a box with a 4 pixel #F845F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F845F0; -webkit-box-shadow:4px 4px  
4px 4px #F845F0; box-shadow:4px 4px 4px  
4px #F845F0 }
```

# Background

The CSS property to change the background color of an element to Hex F845F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F845F0 }
```

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

```
.background{ background-color:#F845F0 }
```

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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