

Converting Colors

Hex(F048EB)

Have a look what the booklet for
Hex(F048EB) contains.

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Color

Hex(F048EB)

Conversions

Conversions Part 1

Format	Color
Hex	F048EB
RGB	240, 72, 235
RGB Percent	94%, 28%, 92%
CMY	0.0588, 0.7176, 0.0784
CMYK	0.00, 0.70, 0.02, 0.06
HSL	302°, 85%, 61%
HSV	302°, 70%, 94%
XYZ	53.2479, 29.1582, 81.4189
YIQ	140.8140, 47.8050, 86.3090

Conversions

Conversions Part 2

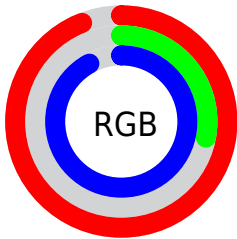
Format	Color
R _Y B	240, 72, 235
Decimal	15747307
CIE Lab	60.92, 80.63, -48.91
CIE LCh	61, 94.303, 328.759
Yxy	29.1582, 0.3250, 0.1780
Android (android.graphics.Color)	4293937387 (0xFFFF048EB)
YUV	140.8140, 46.4337, 86.9861
Hunter-Lab	53.9983, 81.5226, -51.5989

Details

The Hex color **F048EB** 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 **48F04D**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF86FF**, and **B400B3** is the 20% darker color. If you saturate the color by 10%, you get **F030EA**, and if you desaturate by 10%, it is **F060EC**.

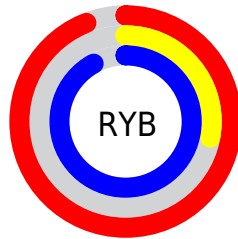
Distribution



Red (94%)

Green (28%)

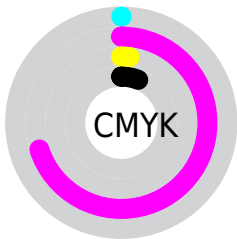
Blue (92%)



Red (94%)

Yellow (28%)

Blue (92%)

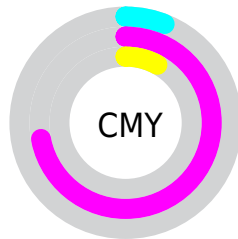


Cyan (0%)

Magenta (70%)

Yellow (2%)

Black (6%)



Cyan (6%)

Magenta (72%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color F048EB 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 F048EB by changing the saturation by 10% instead.

 F048EB

 F048EB

FFFFFF

 D220CE

 FF86FF

 B400B3

 FFA4FF

 970097

 FFC2FF

 7A007D

 FFE0FF

 5D0063

FFFEFF

 43004B

 240033

 00021C

 000000

 F048EB

 F048EB

 F030EA

 F060EC

 F018EA

 F078EC

 F000E9

 F090ED

 F0A8EE

 F0C0EF

 F0D8EF

 F0F0F0

 F0FFF1

Harmonies

Analogous

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



7A7EFF



F048EB



FF009A

Triad

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



F048EB



B58F00



00B6E2

Complementary

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



F048EB



48F04D

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.



00B58D



F048EB



62A500

Square

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



F048EB



F36900



00B032



00B0FF

Rectangle

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



F048EB



FF0D63



00B032



00B6C7

Sweetspot

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



F048EB



FFC9FD



4B48F0



80607F



000000



808080

Same Dimension

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



F048EB



FF29F9



F04899



786C77



B800B2



380036

Inverse Universe

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



F048EB



FF29F9



48F09F



786C77



B800B2



380036

Previews

White Background



This preview shows how the Hex color F048EB looks on a white background.

Color Contrast Check

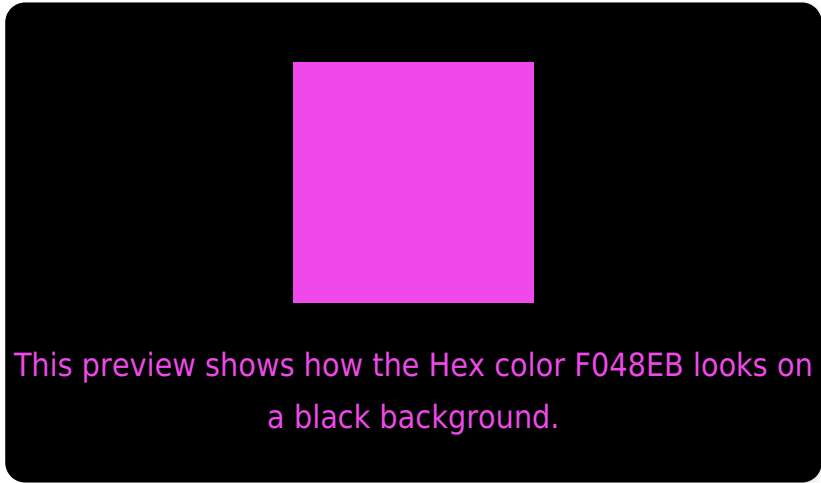
Large Text (above 18pt) WCAG AA ✓ Pass

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

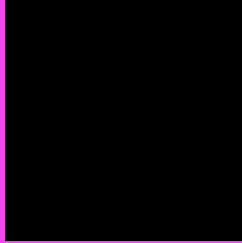
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex F048EB Background



This preview shows how black text looks on a background with the Hex color F048EB.

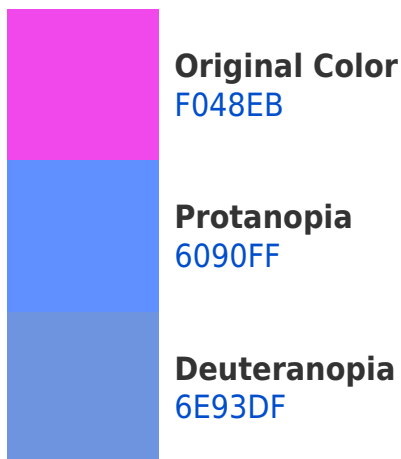


This preview shows how white text looks on a background with the Hex color F048EB.

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](#).

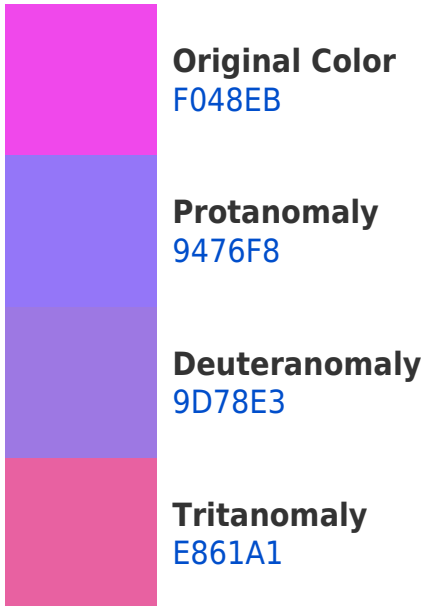
Dichromacy





Tritanopia
E36F76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F048EB 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 #F048EB looks like.

```
.text, #text, p{  
    color:#F048EB  
}
```

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 #F048EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F048EB
}
```

Border

The CSS property to change the border of an element to Hex F048EB 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
#F048EB }
```

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

```
.border{ border-color:#F048EB }
```

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

Here you see how a box with a 4 pixel #F048EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F048EB; -webkit-box-shadow:4px 4px  
4px 4px #F048EB; box-shadow:4px 4px 4px  
4px #F048EB }
```

Background

The CSS property to change the background color of an element to Hex F048EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F048EB }
```

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

```
.background{ background-color:#F048EB }
```

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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