

Converting Colors

Hex(F783F0)

Have a look what the booklet for
Hex(F783F0) contains.

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Color

Hex(F783F0)

Conversions

Conversions Part 1

Format	Color
Hex	F783F0
RGB	247, 131, 240
RGB Percent	97%, 51%, 94%
CMY	0.0314, 0.4863, 0.0588
CMYK	0.00, 0.47, 0.03, 0.03
HSL	304°, 88%, 74%
HSV	304°, 47%, 97%
XYZ	62.2022, 42.2980, 87.3240
YIQ	178.1100, 34.1470, 58.4910

Conversions

Conversions Part 2

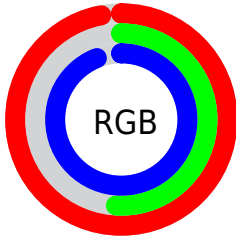
Format	Color
RYB	247, 131, 240
Decimal	16221168
CIELab	71.08, 58.78, -35.69
CIElCh	71, 68.761, 328.735
Yxy	42.2980, 0.3243, 0.2205
Android (android.graphics.Color)	4294411248 (0xFFFF783F0)
YUV	178.1100, 30.5118, 60.4165
Hunter-Lab	65.0369, 56.9053, -34.0818

Details

The Hex color **F783F0** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **83F78A**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFBBFF**, and **BC4CB8** is the 20% darker color. If you saturate the color by 10%, you get **F76AEF**, and if you desaturate by 10%, it is **F79CF1**.

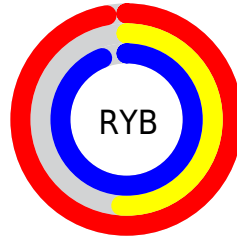
Distribution



Red (97%)

Green (51%)

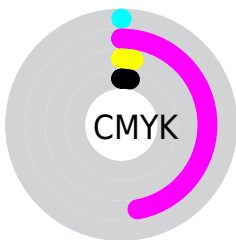
Blue (94%)



Red (97%)

Yellow (51%)

Blue (94%)

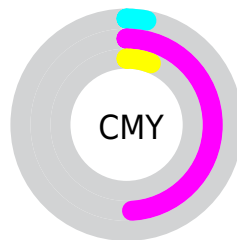


Cyan (0%)

Magenta (47%)

Yellow (3%)

Black (3%)



Cyan (3%)

Magenta (49%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color F783F0 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 F783F0 by changing the saturation by 10% instead.

 F783F0

FFFFFF

 FFBBFF

 FFD8FF

 FFF5FF

 F783F0

 D967D3

 BC4CB8

 A02F9C

 840882

 690069

 4E0050

 360039

 170022

 000007

 F783F0

 F783F0

 F76AEF

 F79CF1

 F752ED

 F7B4F3

 F739EC

 F7CDF4

 F720EA

 F7E6F6

 F708E9

 F7FFF7

 F700E8

 F7FFF9

 F7FFFA

 F7FFFC

 F7FFFD

Harmonies

Analogous

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



A99EFF



F783F0



FF72B3

Triad

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



F783F0



D0AA1F



00CBE9

Complementary

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



F783F0



83F78A

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.



00CBA9



F783F0



92BC35

Square

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



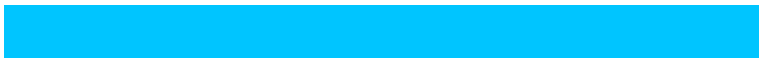
F783F0



FF9241



30C76A



00C5FF

Rectangle

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



F783F0



FF7489



30C76A



00CCD4

Sweetspot

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



F783F0



FFDBFD



8983F7



806A7E



000000



808080

Same Dimension

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



F783F0



FF70F6



F783B7



7A6E7A



BA00AF



3B0037

Inverse Universe

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



F783F0



FF70F6



83F7C3



7A6E7A



BA00AF



3B0037

Previews

White Background



This preview shows how the Hex color F783F0 looks on a white background.

Color Contrast Check

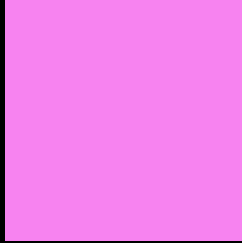
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color F783F0 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](#).

Hex F783F0 Background



This preview shows how black text looks on a background with the Hex color F783F0.

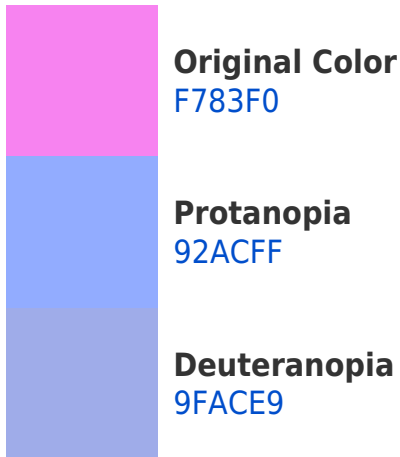


This preview shows how white text looks on a background with the Hex color F783F0.

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
ED95A0

Trichromacy



Original Color
F783F0



Protanomaly
B79DFA



Deuteranomaly
BF9DEC



Tritanomaly
F18EBD

Monochromacy



Original Color
F783F0



Achromatopsia
B2B2B2



Achromatomaly
CBA1C9

CSS Examples

Text

The CSS property to change the color of the text to Hex F783F0 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 #F783F0 looks like.

```
.text, #text, p{  
    color:#F783F0  
}
```

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 #F783F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F783F0
}
```

Border

The CSS property to change the border of an element to Hex F783F0 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
#F783F0 }
```

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

```
.border{ border-color:#F783F0 }
```

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

Here you see how a box with a 4 pixel #F783F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F783F0; -webkit-box-shadow:4px 4px  
4px 4px #F783F0; box-shadow:4px 4px 4px  
4px #F783F0 }
```

Background

The CSS property to change the background color of an element to Hex F783F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F783F0 }
```

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

```
.background{ background-color:#F783F0 }
```

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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