

Converting Colors

Hex(FF80EF)

Have a look what the booklet for
Hex(FF80EF) contains.

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Color

Hex(F80EF)

Conversions

Conversions Part 1

Format	Color
Hex	FF80EF
RGB	255, 128, 239
RGB Percent	100%, 50%, 94%
CMY	0.0000, 0.4980, 0.0627
CMYK	0.00, 0.50, 0.06, 0.00
HSL	308°, 100%, 75%
HSV	308°, 50%, 100%
XYZ	64.5392, 42.9303, 86.5462
YIQ	178.6270, 40.0610, 61.4450

Conversions

Conversions Part 2

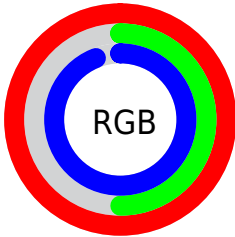
Format	Color
R_{YB}	255, 128, 239
Decimal	16744687
CIE _{Lab}	71.51, 62.28, -34.39
CIE _{LCh}	72, 71.147, 331.095
Yxy	42.9303, 0.3326, 0.2213
Android (android.graphics.Color)	4294934767 (0xFFFF80EF)
YUV	178.6270, 29.7639, 66.9791
Hunter-Lab	65.5212, 61.1623, -32.4505

Details

The Hex color **FF80EF** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **80FF90**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFB9FF**, and **C448B7** is the 20% darker color. If you saturate the color by 10%, you get **FF67EC**, and if you desaturate by 10%, it is **FF9AF2**.

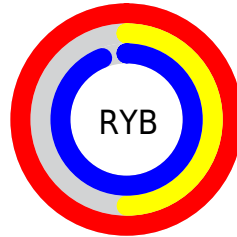
Distribution



Red (100%)

Green (50%)

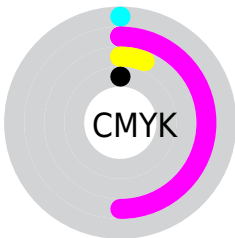
Blue (94%)



Red (100%)

Yellow (50%)

Blue (94%)

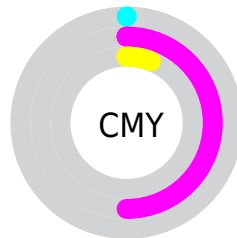


Cyan (0%)

Magenta (50%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (50%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF80EF 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 FF80EF by changing the saturation by 10% instead.

 FF80EF

 FF80EF

FFFFFF

 E164D3

 FFB9FF

 C448B7

 FFD6FF

 A7299C

 FFF3FF

 8B0081

 6F0068

 54004F

 3B0038

 1E0022

 000006

 FF80EF

 FF80EF

 FF67EC

 FF9AF2

 FF4DE9

 FFB3F5

 FF33E5

 FFCDF9

 FF1AE2

 FFE6FC

 FF00DF

FFFFFF

Harmonies

Analogous

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



B29DFF



FF80EF



FF6FB0

Triad

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



FF80EF



CDAD16



00CDF1

Complementary

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



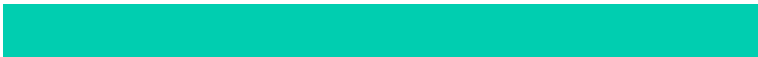
FF80EF



80FF90

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.



00CEB0



FF80EF



8CBF34

Square

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



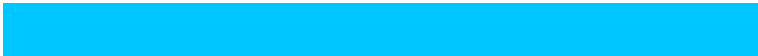
FF80EF



FF943A



08C96D



00C6FF

Rectangle

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



FF80EF



FF7484



08C96D



00CEDC

Sweetspot

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



FF80EF



FFD9FA



8F80FF



80697D



000000



808080

Same Dimension

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



FF80EF



FF66EC



FF80B1



80737E



BF00A7



400038

Inverse Universe

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



FF80EF



FF66EC



80FFCE



80737E



BF00A7



400038

Previews

White Background



This preview shows how the Hex color FF80EF looks on a white background.

Color Contrast Check

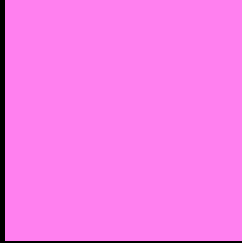
Large Text (above 18pt) WCAG AA × Fail

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 FF80EF 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 FF80EF Background



This preview shows how black text looks on a background with the Hex color FF80EF.



This preview shows how white text looks on a background with the Hex color FF80EF.

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
F6939E

Trichromacy



Original Color
FF80EF



Protanomaly
BB9DF9



Deuteranomaly
C49DEA



Tritanomaly
F98CBB

Monochromacy



Original Color
FF80EF



Achromatopsia
B3B3B3



Achromatomaly
CFA0C9

CSS Examples

Text

The CSS property to change the color of the text to Hex FF80EF 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 #FF80EF looks like.

```
.text, #text, p{  
    color:#FF80EF  
}
```

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 #FF80EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF80EF
}
```

Border

The CSS property to change the border of an element to Hex FF80EF 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
#FF80EF }
```

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

```
.border{ border-color:#FF80EF }
```

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

Here you see how a box with a 4 pixel #FF80EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF80EF; -webkit-box-shadow:4px 4px  
4px 4px #FF80EF; box-shadow:4px 4px 4px  
4px #FF80EF }
```

Background

The CSS property to change the background color of an element to Hex FF80EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF80EF }
```

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

```
.background{ background-color:#FF80EF }
```

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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