

Converting Colors

Hex(80F3F3)

Have a look what the booklet for
Hex(80F3F3) contains.

Hex(80F3F3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(80F3F3)

Conversions

Conversions Part 1

Format	Color
Hex	80F3F3
RGB	128, 243, 243
RGB Percent	50%, 95%, 95%
CMY	0.4980, 0.0471, 0.0471
CMYK	0.47, 0.00, 0.00, 0.05
HSL	180°, 83%, 73%
HSV	180°, 47%, 95%
XYZ	57.1303, 75.1614, 96.2905
YIQ	208.6150, -68.5400, -24.3800

Conversions

Conversions Part 2

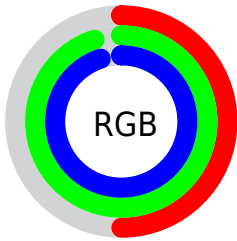
Format	Color
R _Y B	128, 186, 243
Decimal	8451059
CIE Lab	89.47, -32.64, -10.13
CIE LCh	89, 34.174, 197.242
Yxy	75.1614, 0.2499, 0.3288
Android (android.graphics.Color)	4286641139 (0xFF80F3F3)
YUV	208.6150, 16.9518, -70.6994
Hunter-Lab	86.6957, -34.0903, -5.1648

Details

The Hex color **80F3F3** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F38080**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **BCFFFF**, and **41BABB** is the 20% darker color. If you saturate the color by 10%, you get **68F3F3**, and if you desaturate by 10%, it is **98F3F3**.

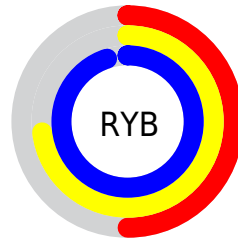
Distribution



Red (50%)

Green (95%)

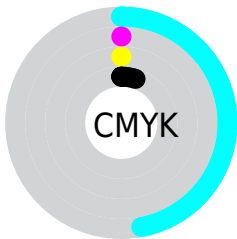
Blue (95%)



Red (50%)

Yellow (73%)

Blue (95%)

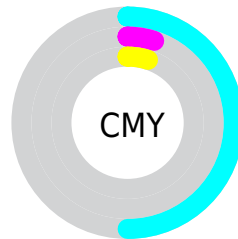


Cyan (47%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (50%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80F3F3 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 80F3F3 by changing the saturation by 10% instead.

 80F3F3

 80F3F3

FFFFFF

 62D6D7

 BCFFFF

 41BABB

 DAFFFF

 149FA0

 F8FFFF

 008586

 006B6D

 005254

 003A3D

 002527

 000114

 80F3F3

 80F3F3

 68F3F3

 98F3F3

 4FF3F3

 B1F3F3

 37F3F3

 C9F3F3

 1FF3F3

 E1F3F3

 07F3F3

 F9F3F3

 00F3F3

 FFF3F3

Harmonies

Analogous

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



9BF2D1



80F3F3



82F0FF

Triad

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



80F3F3



FDD2FF



FFDAA2

Complementary

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



80F3F3



F38080

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.



FFD0B2



80F3F3



FFCAF0

Square

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



80F3F3



D3DDFF



FFC9CF



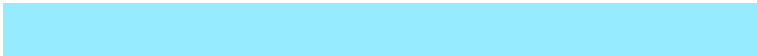
E5E5A2

Rectangle

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



80F3F3



96EBFF



FFC9CF



FFD6A5

Sweetspot

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



80F3F3



DBFFFF



80F380



6A8080



000000



808080

Same Dimension

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



80F3F3



6EFFFF



80B9F3



6E7A7A



00BABA



003B3B

Inverse Universe

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



F380F3



FF6EFF



F3B980



7A6E7A



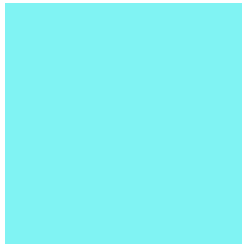
BA00BA



3B003B

Previews

White Background



This preview shows how the Hex color 80F3F3 looks on a white background.

Color Contrast Check

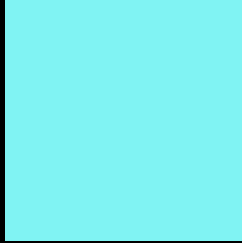
Large Text (above 18pt) WCAG AA × Fail

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 80F3F3 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 80F3F3 Background



This preview shows how black text looks on a background with the Hex color 80F3F3.

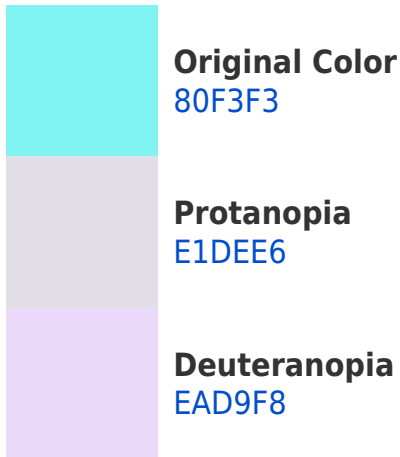


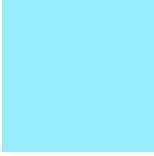
This preview shows how white text looks on a background with the Hex color 80F3F3.

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
96EEFF

Trichromacy



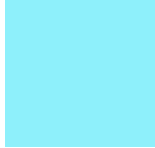
Original Color
80F3F3



Protanomaly
BEE6EB



Deuteranomaly
C3E2F6

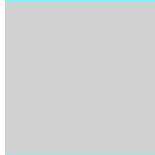


Tritanomaly
8EF0FB

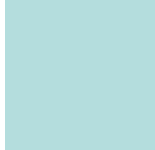
Monochromacy



Original Color
80F3F3



Achromatopsia
D1D1D1



Achromatomaly
B4DDDD

CSS Examples

Text

The CSS property to change the color of the text to Hex 80F3F3 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 #80F3F3 looks like.

```
.text, #text, p{  
    color:#80F3F3  
}
```

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 #80F3F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80F3F3
}
```

Border

The CSS property to change the border of an element to Hex 80F3F3 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
#80F3F3 }
```

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

```
.border{ border-color:#80F3F3 }
```

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

Here you see how a box with a 4 pixel #80F3F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80F3F3; -webkit-box-shadow:4px 4px  
4px 4px #80F3F3; box-shadow:4px 4px 4px  
4px #80F3F3 }
```

Background

The CSS property to change the background color of an element to Hex 80F3F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80F3F3 }
```

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

```
.background{ background-color:#80F3F3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor