

Converting Colors

Hex(80F2F2)

Have a look what the booklet for
Hex(80F2F2) contains.

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Color

Hex(80F2F2)

Conversions

Conversions Part 1

Format	Color
Hex	80F2F2
RGB	128, 242, 242
RGB Percent	50%, 95%, 95%
CMY	0.4980, 0.0510, 0.0510
CMYK	0.47, 0.00, 0.00, 0.05
HSL	180°, 81%, 73%
HSV	180°, 47%, 95%
XYZ	56.6812, 74.5043, 95.3977
YIQ	207.9140, -67.9440, -24.1680

Conversions

Conversions Part 2

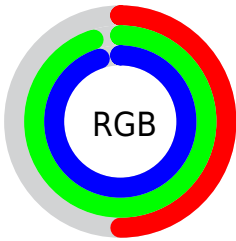
Format	Color
RYB	128, 185, 242
Decimal	8450802
CIELab	89.16, -32.42, -10.07
CIElCh	89, 33.945, 197.250
Yxy	74.5043, 0.2502, 0.3288
Android (android.graphics.Color)	4286640882 (0xFF80F2F2)
YUV	207.9140, 16.8044, -70.0846
Hunter-Lab	86.3159, -33.8367, -5.1072

Details

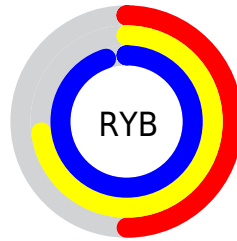
The Hex color **80F2F2** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F28080**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **BBFFFF**, and **41B9BA** is the 20% darker color. If you saturate the color by 10%, you get **68F2F2**, and if you desaturate by 10%, it is **98F2F2**.

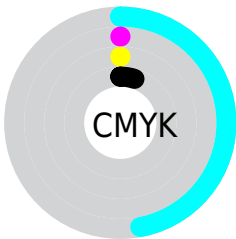
Distribution



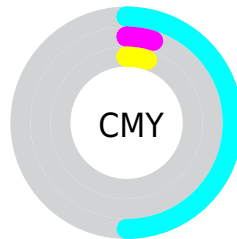
- Red (50%)
- Green (95%)
- Blue (95%)



- 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 80F2F2 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 80F2F2 by changing the saturation by 10% instead.

 80F2F2

FFFFFF

 BBFFFF

 D9FFFF

 F8FFFF

 80F2F2


 62D5D6

 41B9BA

 159E9F

 008485

 006A6C

 005153

 003A3C

 002527

 000113

 80F2F2

 80F2F2

 68F2F2

 98F2F2

 50F2F2

 B0F2F2

 37F2F2

 C9F2F2

 1FF2F2

 E1F2F2

 07F2F2

 F9F2F2

 00F2F2

 FFF2F2

Harmonies

Analogous

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



9BF1D1



80F2F2



82EFFF

Triad

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



80F2F2



FCD1FF



FFD9A1

Complementary

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



80F2F2



F28080

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.



FFCFB2



80F2F2



FFCAEF

Square

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



80F2F2



D2DDFF



FFC9CE



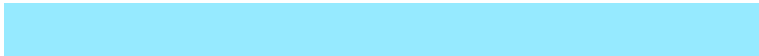
E4E4A2

Rectangle

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



80F2F2



96EAFB



FFC9CE



FFD6A5

Sweetspot

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



80F2F2



DBFFFF



80F280



6A8080



000000



808080

Same Dimension

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



80F2F2



6EFFFF



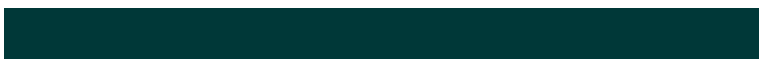
80B9F2



6C7878



00B8B8



003838

Inverse Universe

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



F280F2



FF6EFF



F2B980



786C78



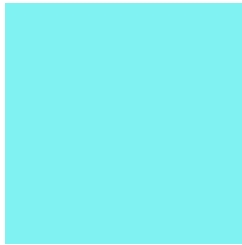
B800B8



380038

Previews

White Background



This preview shows how the Hex color 80F2F2 looks on a white background.

Color Contrast Check

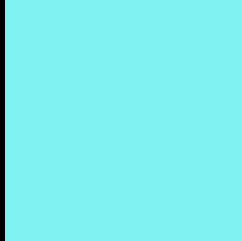
Large Text (above 18pt) WCAG AA × Fail

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 80F2F2 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 80F2F2 Background



This preview shows how black text looks on a background with the Hex color 80F2F2.

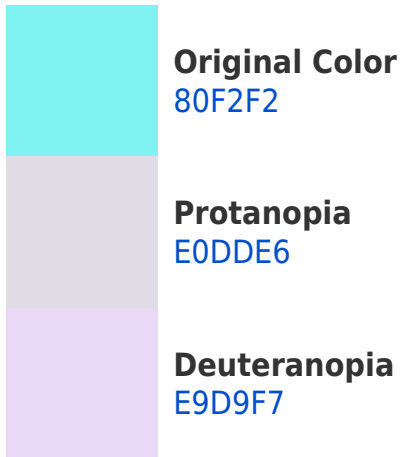


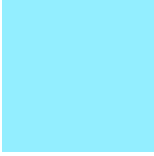
This preview shows how white text looks on a background with the Hex color 80F2F2.

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



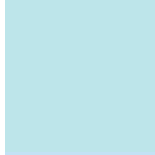


Tritanopia
93EEFF

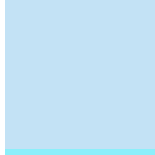
Trichromacy



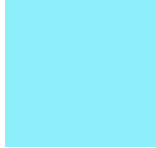
Original Color
80F2F2



Protanomaly
BDE5EA



Deuteranomaly
C3E2F5

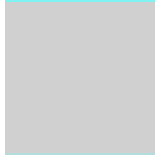


Tritanomaly
8CEFFA

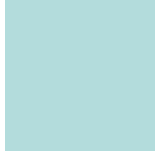
Monochromacy



Original Color
80F2F2



Achromatopsia
D0D0D0



Achromatomaly
B3DCDC

CSS Examples

Text

The CSS property to change the color of the text to Hex 80F2F2 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 #80F2F2 looks like.

```
.text, #text, p{  
    color:#80F2F2  
}
```

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 #80F2F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80F2F2
}
```

Border

The CSS property to change the border of an element to Hex 80F2F2 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
#80F2F2 }
```

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

```
.border{ border-color:#80F2F2 }
```

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

Here you see how a box with a 4 pixel #80F2F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80F2F2; -webkit-box-shadow:4px 4px  
4px 4px #80F2F2; box-shadow:4px 4px 4px  
4px #80F2F2 }
```

Background

The CSS property to change the background color of an element to Hex 80F2F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80F2F2 }
```

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

```
.background{ background-color:#80F2F2 }
```

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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