

Converting Colors

Hex(80F3EC)

Have a look what the booklet for
Hex(80F3EC) contains.

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Color

Hex(80F3EC)

Conversions

Conversions Part 1

Format	Color
Hex	80F3EC
RGB	128, 243, 236
RGB Percent	50%, 95%, 93%
CMY	0.4980, 0.0471, 0.0745
CMYK	0.47, 0.00, 0.03, 0.05
HSL	176°, 83%, 73%
HSV	176°, 47%, 95%
XYZ	56.0930, 74.7465, 90.8280
YIQ	207.8170, -66.2930, -26.5570

Conversions

Conversions Part 2

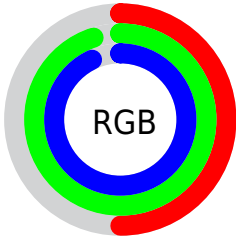
Format	Color
R _Y B	128, 187, 243
Decimal	8451052
CIE Lab	89.27, -34.37, -6.76
CIE LCh	89, 35.029, 191.133
Yxy	74.7465, 0.2531, 0.3372
Android (android.graphics.Color)	4286641132 (0xFF80F3EC)
YUV	207.8170, 13.8942, -69.9995
Hunter-Lab	86.4561, -35.4867, -1.7689

Details

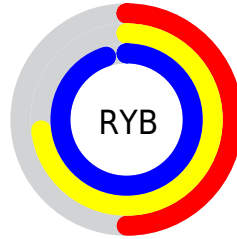
The Hex color **80F3EC** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F38087**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **BBFFFF**, and **42BAB4** is the 20% darker color. If you saturate the color by 10%, you get **68F3EB**, and if you desaturate by 10%, it is **98F3ED**.

Distribution



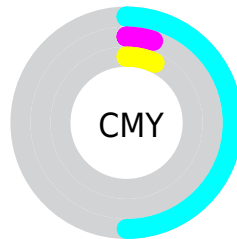
- Red (50%)
- Green (95%)
- Blue (93%)



- Red (50%)
- Yellow (73%)
- Blue (95%)



- Cyan (47%)
- Magenta (0%)
- Yellow (3%)
- Black (5%)



- Cyan (50%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80F3EC 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 80F3EC by changing the saturation by 10% instead.

 80F3EC

FFFFFF

 BBFFFF

 D9FFFF

 F7FFFF

 80F3EC

 62D6D0

 42BAB4

 179F9A

 008580

 006B67

 00524F

 003A38

 002522

 00010D

 80F3EC

 80F3EC

 68F3EB

 98F3ED

 4FF3E9


 B1F3EF

 37F3E8

 C9F3F0

 1FF3E6

 E1F3F2

 07F3E5

 F9F3F3

 00F3E4

 FFF3F5

 FFF3F6

 FFF3F8

 FFF3F9

Harmonies

Analogous

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



A0F1CA



80F3EC



7AF0FF

Triad

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



80F3EC



F5D3FF



FFD7A2

Complementary

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



80F3EC



F38087

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.



FFCDB6



80F3EC



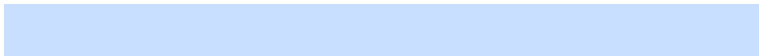
FFCAF7

Square

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



80F3EC



C8DFFF



FFC8D5



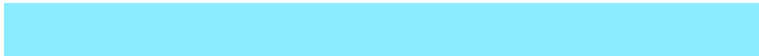
ECE29E

Rectangle

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



80F3EC



8BECFF



FFC8D5



FFD3A7

Sweetspot

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



80F3EC



DBFFFD



88F380



6A807E



000000



808080

Same Dimension

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



80F3EC



6EFFF6



80C1F3



6E7A7A



00BAAF



003B37

Inverse Universe

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



F38087



FF6E76



F3B280



7A6E6F



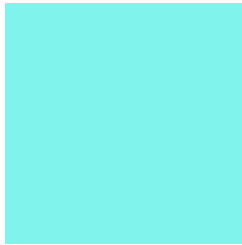
BA000B



3B0004

Previews

White Background



This preview shows how the Hex color 80F3EC looks on a white background.

Color Contrast Check

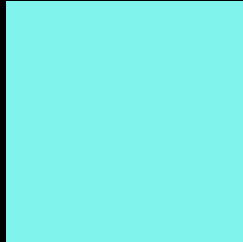
Large Text (above 18pt) WCAG AA × Fail

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 80F3EC 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 80F3EC Background



This preview shows how black text looks on a background with the Hex color 80F3EC.

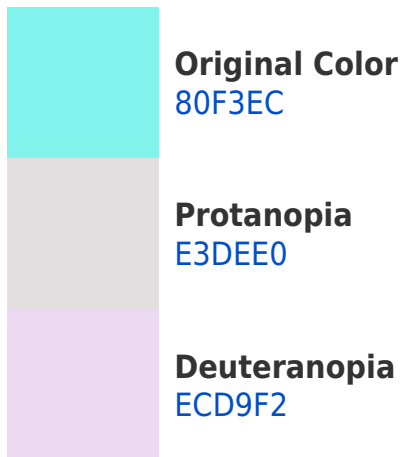


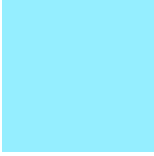
This preview shows how white text looks on a background with the Hex color 80F3EC.

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
95EEFF

Trichromacy



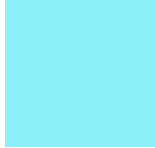
Original Color
80F3EC



Protanomaly
BFE6E4



Deuteranomaly
C5E2F0

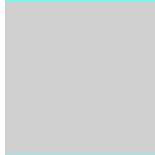


Tritanomaly
8DF0F8

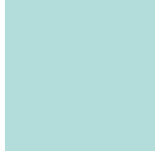
Monochromacy



Original Color
80F3EC



Achromatopsia
D0D0D0



Achromatomaly
B3DDDA

CSS Examples

Text

The CSS property to change the color of the text to Hex 80F3EC 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 #80F3EC looks like.

```
.text, #text, p{  
    color:#80F3EC  
}
```

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 #80F3EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80F3EC
}
```

Border

The CSS property to change the border of an element to Hex 80F3EC 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
#80F3EC }
```

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

```
.border{ border-color:#80F3EC }
```

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

Here you see how a box with a 4 pixel #80F3EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80F3EC; -webkit-box-shadow:4px 4px  
4px 4px #80F3EC; box-shadow:4px 4px 4px  
4px #80F3EC }
```

Background

The CSS property to change the background color of an element to Hex 80F3EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80F3EC }
```

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

```
.background{ background-color:#80F3EC }
```

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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