

Converting Colors

Hex(86F7E9)

Have a look what the booklet for
Hex(86F7E9) contains.

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Color

Hex(86F7E9)

Conversions

Conversions Part 1

Format	Color
Hex	86F7E9
RGB	134, 247, 233
RGB Percent	53%, 97%, 91%
CMY	0.4745, 0.0314, 0.0863
CMYK	0.46, 0.00, 0.06, 0.03
HSL	173°, 88%, 75%
HSV	173°, 46%, 97%
XYZ	57.8003, 77.4731, 88.9982
YIQ	211.6170, -62.8540, -28.3100

Conversions

Conversions Part 2

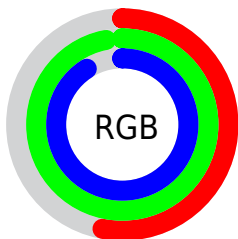
Format	Color
RYB	134, 194, 247
Decimal	8845289
CIELab	90.54, -35.61, -3.31
CIELCh	91, 35.762, 185.311
Yxy	77.4731, 0.2577, 0.3454
Android (android.graphics.Color)	4287035369 (0xFF86F7E9)
YUV	211.6170, 10.5418, -68.0701
Hunter-Lab	88.0188, -36.8153, 1.6634

Details

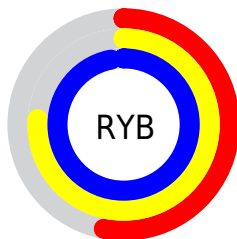
The Hex color **86F7E9** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F78694**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **C1FFFF**, and **49BEB1** is the 20% darker color. If you saturate the color by 10%, you get **6DF7E6**, and if you desaturate by 10%, it is **9FF7EC**.

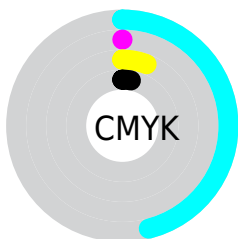
Distribution



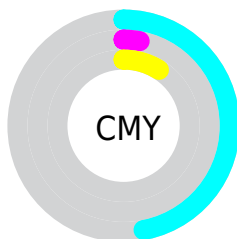
- Red (53%)
- Green (97%)
- Blue (91%)



- Red (53%)
- Yellow (76%)
- Blue (97%)



- Cyan (46%)
- Magenta (0%)
- Yellow (6%)
- Black (3%)



- Cyan (47%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86F7E9 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 86F7E9 by changing the saturation by 10% instead.

 86F7E9

FFFFFF

 C1FFFF

 DFFFFF

FDFFFF

 86F7E9

 68DACD

 49BEB1

 25A397

 00887D

 006E64

 00554C

 003D36

 002820

 00040A

 86F7E9

 86F7E9

 6DF7E6

 9FF7EC

 55F7E3

 B7F7EF

 3CF7E0

 D0F7F2

 23F7DD

 E9F7F5

 0BF7DA

 FFF7F8

 00F7D8

 FFF7FB

 FFF7FE

 FFF7FF

Harmonies

Analogous

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



A9F4C6



86F7E9



79F5FF

Triad

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



86F7E9



F1D9FF



FFD8A7

Complementary

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



86F7E9



F78694

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.



FFCEBE



86F7E9



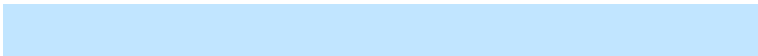
FFCFFF

Square

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



86F7E9



C1E5FF



FFCADF



F6E4A0

Rectangle

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



86F7E9



85F2FF



FFCADF



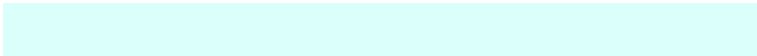
FFD4AD

Sweetspot

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



86F7E9



DBFFFB



95F786



6A807D



000000



808080

Same Dimension

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



86F7E9



73FFEE



86CEF7



6E7A79



00BAA3



003B33

Inverse Universe

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



F78694



FF7384



F7AF86



7A6E70



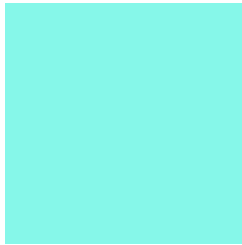
BA0017



3B0007

Previews

White Background



This preview shows how the Hex color 86F7E9 looks on a white background.

Color Contrast Check

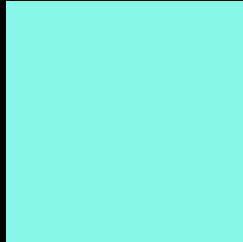
Large Text (above 18pt) WCAG AA × Fail

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 86F7E9 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 86F7E9 Background



This preview shows how black text looks on a background with the Hex color 86F7E9.

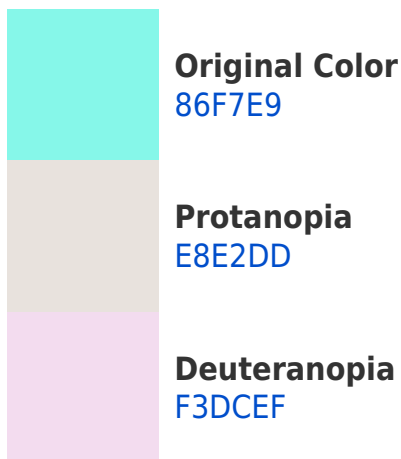


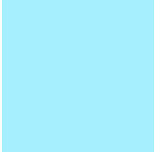
This preview shows how white text looks on a background with the Hex color 86F7E9.

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
A5EFFF

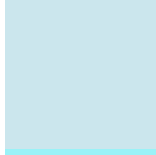
Trichromacy



Original Color
86F7E9



Protanomaly
C4EAE1



Deuteranomaly
CBE6ED

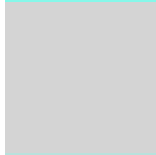


Tritanomaly
9AF2F7

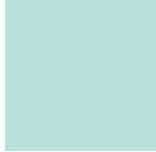
Monochromacy



Original Color
86F7E9



Achromatopsia
D4D4D4



Achromatomaly
B8E1DC

CSS Examples

Text

The CSS property to change the color of the text to Hex 86F7E9 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 #86F7E9 looks like.

```
.text, #text, p{  
    color:#86F7E9  
}
```

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 #86F7E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86F7E9
}
```

Border

The CSS property to change the border of an element to Hex 86F7E9 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
#86F7E9 }
```

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

```
.border{ border-color:#86F7E9 }
```

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

Here you see how a box with a 4 pixel #86F7E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86F7E9; -webkit-box-shadow:4px 4px  
4px 4px #86F7E9; box-shadow:4px 4px 4px  
4px #86F7E9 }
```

Background

The CSS property to change the background color of an element to Hex 86F7E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86F7E9 }
```

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

```
.background{ background-color:#86F7E9 }
```

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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