

Converting Colors

Hex(87F6F4)

Have a look what the booklet for
Hex(87F6F4) contains.

Hex(87F6F4)	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(87F6F4)

Conversions

Conversions Part 1

Format	Color
Hex	87F6F4
RGB	135, 246, 244
RGB Percent	53%, 96%, 96%
CMY	0.4706, 0.0353, 0.0431
CMYK	0.45, 0.00, 0.01, 0.04
HSL	179°, 86%, 75%
HSV	179°, 45%, 96%
XYZ	59.2766, 77.5941, 97.4409
YIQ	212.5830, -65.5140, -24.1540

Conversions

Conversions Part 2

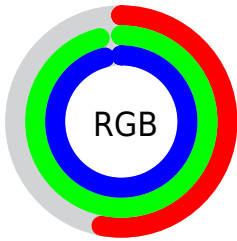
Format	Color
RYB	135, 191, 246
Decimal	8910580
CIELab	90.59, -32.27, -8.95
CIElCh	91, 33.489, 195.501
Yxy	77.5941, 0.2530, 0.3312
Android (android.graphics.Color)	4287100660 (0xFF87F6F4)
YUV	212.5830, 15.4886, -68.0403
Hunter-Lab	88.0875, -34.0354, -3.9243

Details

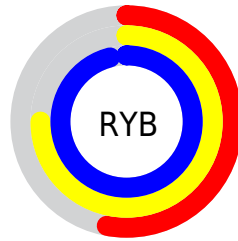
The Hex color **87F6F4** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F68789**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **C2FFFF**, and **4ABDBC** is the 20% darker color. If you saturate the color by 10%, you get **6EF6F4**, and if you desaturate by 10%, it is **A0F6F4**.

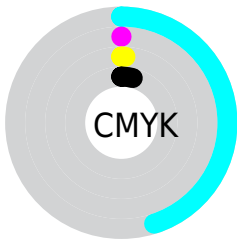
Distribution



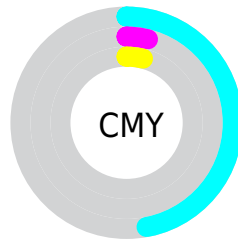
- Red (53%)
- Green (96%)
- Blue (96%)



- Red (53%)
- Yellow (75%)
- Blue (96%)



- Cyan (45%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)



- Cyan (47%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87F6F4 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 87F6F4 by changing the saturation by 10% instead.

 87F6F4

 87F6F4

FFFFFF

 69D9D8

 C2FFFF

 4ABDBC

 E0FFFF

 25A2A1

FEFFFF

 008787

 006E6D

 005555

 003D3E

 002728

 000514

 87F6F4

 87F6F4

 6EF6F4

 A0F6F4

 56F6F3

 B8F6F5

 3DF6F3

 D1F6F5

 25F6F2

 E9F6F6

 0CF6F2

 FFF6F6

 00F6F2

 FFF6F7

 FFF6F8

Harmonies

Analogous

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



A2F5D3



87F6F4



87F3FF

Triad

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



87F6F4



FDD6FF



FFDDA7

Complementary

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



87F6F4



F68789

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.



FFD3B8



87F6F4



FFCEF5

Square

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



87F6F4



D4E1FF



FFCDD4



EAE7A6

Rectangle

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



87F6F4



99EFFF



FFCDD4



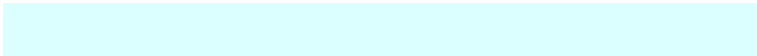
FFD9AB

Sweetspot

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



87F6F4



DBFFFE



8BF687



6A807F



000000



808080

Same Dimension

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



87F6F4



75FFFD



87C2F6



6E7A7A



00BAB7



003B3A

Inverse Universe

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



F68789



FF7578



F6BB87



7A6E6E



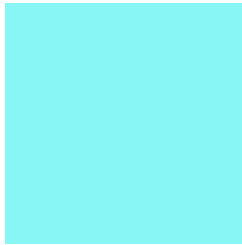
BA0003



3B0001

Previews

White Background



This preview shows how the Hex color 87F6F4 looks on a white background.

Color Contrast Check

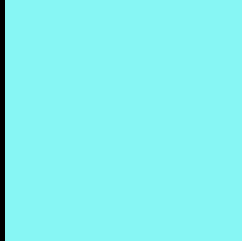
Large Text (above 18pt) WCAG AA × Fail

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 87F6F4 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 87F6F4 Background



This preview shows how black text looks on a background with the Hex color 87F6F4.

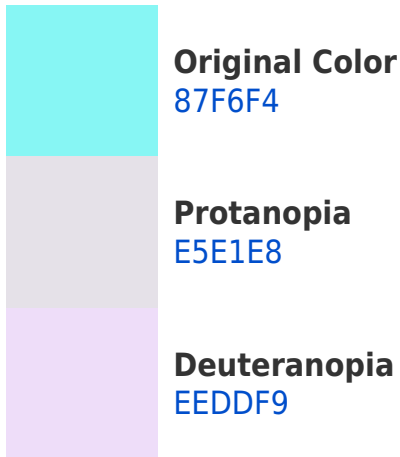


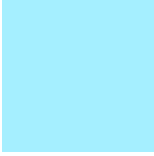
This preview shows how white text looks on a background with the Hex color 87F6F4.

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

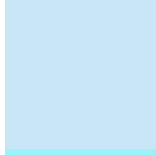
Trichromacy



Original Color
87F6F4



Protanomaly
C3E9EC



Deuteranomaly
C9E6F7

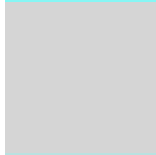


Tritanomaly
9AF2FB

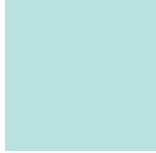
Monochromacy



Original Color
87F6F4



Achromatopsia
D5D5D5



Achromatomaly
B9E1E0

CSS Examples

Text

The CSS property to change the color of the text to Hex 87F6F4 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 #87F6F4 looks like.

```
.text, #text, p{  
    color:#87F6F4  
}
```

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 #87F6F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87F6F4
}
```

Border

The CSS property to change the border of an element to Hex 87F6F4 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
#87F6F4 }
```

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

```
.border{ border-color:#87F6F4 }
```

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

Here you see how a box with a 4 pixel #87F6F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87F6F4; -webkit-box-shadow:4px 4px  
4px 4px #87F6F4; box-shadow:4px 4px 4px  
4px #87F6F4 }
```

Background

The CSS property to change the background color of an element to Hex 87F6F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87F6F4 }
```

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

```
.background{ background-color:#87F6F4 }
```

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