

Converting Colors

Hex(87FFF1)

Have a look what the booklet for
Hex(87FFF1) contains.

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Color

Hex(87FFF1)

Conversions

Conversions Part 1

Format	Color
Hex	87FFF1
RGB	135, 255, 241
RGB Percent	53%, 100%, 95%
CMY	0.4706, 0.0000, 0.0549
CMYK	0.47, 0.00, 0.05, 0.00
HSL	173°, 100%, 76%
HSV	173°, 47%, 100%
XYZ	61.6289, 83.0218, 95.9957
YIQ	217.5240, -67.0260, -29.7940

Conversions

Conversions Part 2

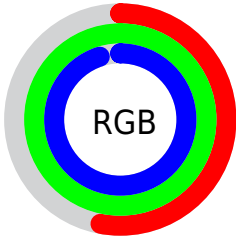
Format	Color
RYB	135, 199, 255
Decimal	8912881
CIELab	93.02, -37.17, -3.80
CIElCh	93, 37.360, 185.843
Yxy	83.0218, 0.2561, 0.3450
Android (android.graphics.Color)	4287102961 (0xFF87FFF1)
YUV	217.5240, 11.5737, -72.3735
Hunter-Lab	91.1163, -38.7204, 1.3163

Details

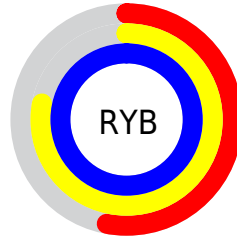
The Hex color **87FFF1** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FF8795**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **C3FFFF**, and **49C6B9** is the 20% darker color. If you saturate the color by 10%, you get **6EFFEE**, and if you desaturate by 10%, it is **A1FFF4**.

Distribution



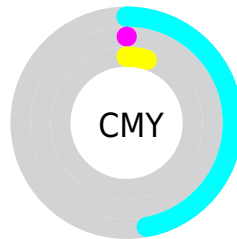
- Red (53%)
- Green (100%)
- Blue (95%)



- Red (53%)
- Yellow (78%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 87FFF1 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 87FFF1 by changing the saturation by 10% instead.

 87FFF1

 87FFF1

FFFFFF


 69E2D5

 C3FFFF

 49C6B9

 E1FFFF

 22AA9E

 008F84

 00756B

 005C53

 00433C

 002D26

 001312

 87FFF1

 87FFF1

 6EFFEE

 A1FFF4

 54FFEB

 BAFFF7

 3AFFE8

 D4FFFA

 21FFE5

 EDFFFD

 08FFE2

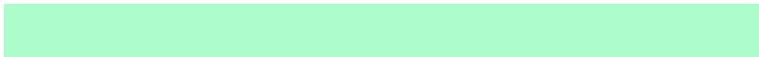
 FFFFFFFF

 00FE1

Harmonies

Analogous

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



ACFCCC



87FFF1



79FDFF

Triad

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



87FFF1



F9DFFF



FFDFAA

Complementary

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



87FFF1



FF8795

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.



FFD4C3



87FFF1



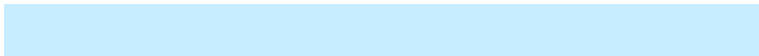
FFD4FF

Square

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



87FFF1



C7ECFF



FFD0E5



FDEBA3

Rectangle

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



87FFF1



87F9FF



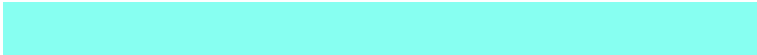
FFD0E5



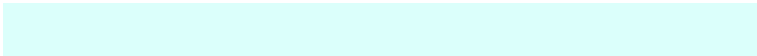
FFDDB1

Sweetspot

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



87FFF1



DBFFFB



95FF87



6A807D



000000



808080

Same Dimension

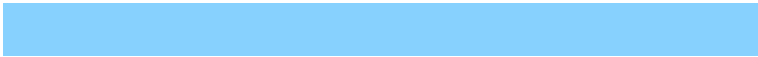
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87FFF1



70FFEE



87D1FF



73807E



00BFA9



004038

Inverse Universe

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



FF8795



FF7081



FFB587



807374



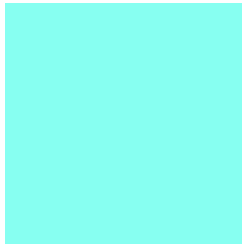
BF0016



400007

Previews

White Background



This preview shows how the Hex color 87FFF1 looks on a white background.

Color Contrast Check

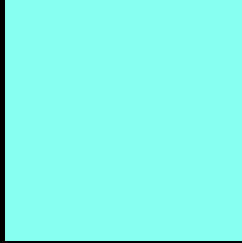
Large Text (above 18pt) WCAG AA × Fail

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 87FFF1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

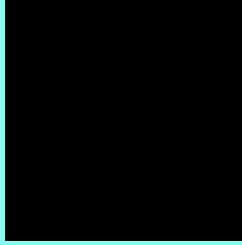
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

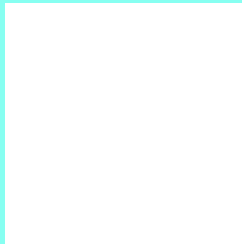
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 87FFF1 Background



This preview shows how black text looks on a background with the Hex color 87FFF1.



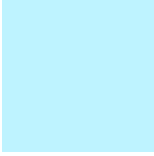
This preview shows how white text looks on a background with the Hex color 87FFF1.

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](#).

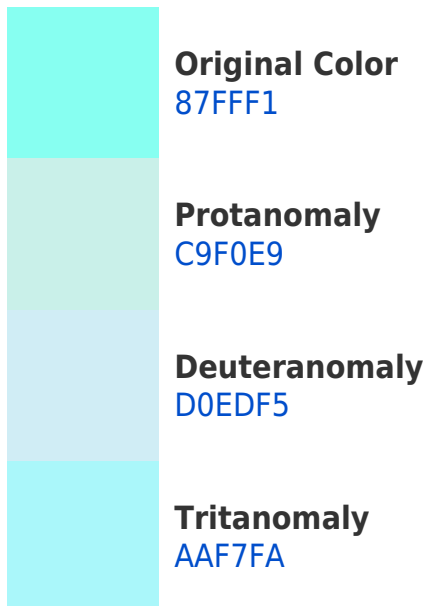
Dichromacy



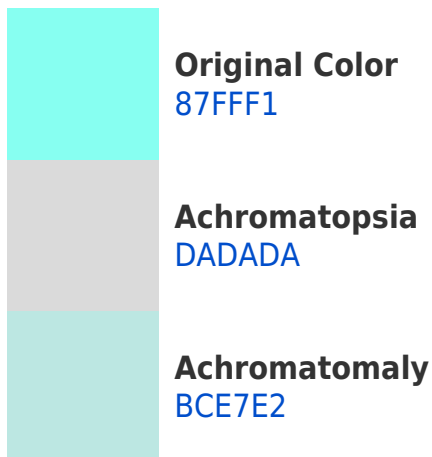


Tritanopia
BEF3FF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87FFF1 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 #87FFF1 looks like.

```
.text, #text, p{  
    color:#87FFF1  
}
```

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 #87FFF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87FFF1  
}
```

Border

The CSS property to change the border of an element to Hex 87FFF1 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  
#87FFF1 }
```

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

```
.border{ border-color:#87FFF1 }
```

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

Here you see how a box with a 4 pixel #87FFF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87FFF1; -webkit-box-shadow:4px 4px  
4px 4px #87FFF1; box-shadow:4px 4px 4px  
4px #87FFF1 }
```

Background

The CSS property to change the background color of an element to Hex 87FFF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87FFF1 }
```

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

```
.background{ background-color:#87FFF1 }
```

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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