

Converting Colors

Hex(85F4FF)

Have a look what the booklet for
Hex(85F4FF) contains.

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Color

Hex(85F4FF)

Conversions

Conversions Part 1

Format	Color
Hex	85F4FF
RGB	133, 244, 255
RGB Percent	52%, 96%, 100%
CMY	0.4784, 0.0431, 0.0000
CMYK	0.48, 0.04, 0.00, 0.00
HSL	185°, 100%, 76%
HSV	185°, 48%, 100%
XYZ	60.0735, 76.9079, 106.2862
YIQ	212.0650, -69.6870, -20.1110

Conversions

Conversions Part 2

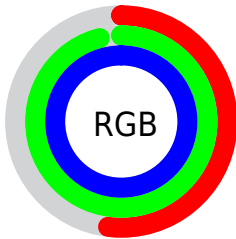
Format	Color
RYB	133, 191, 255
Decimal	8779007
CIELab	90.28, -29.01, -15.16
CIELCh	90, 32.728, 207.589
Yxy	76.9079, 0.2469, 0.3161
Android (android.graphics.Color)	4286969087 (0xFF85F4FF)
YUV	212.0650, 21.1670, -69.3400
Hunter-Lab	87.6972, -31.1955, -10.4696

Details

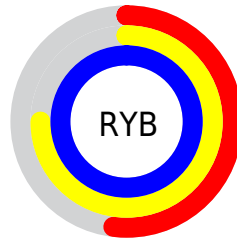
The Hex color **85F4FF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF9085**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **C1FFFF**, and **46BBC6** is the 20% darker color. If you saturate the color by 10%, you get **6CF2FF**, and if you desaturate by 10%, it is **9FF6FF**.

Distribution



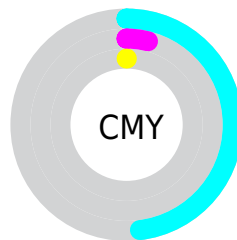
- Red (52%)
- Green (96%)
- Blue (100%)



- Red (52%)
- Yellow (75%)
- Blue (100%)



- Cyan (48%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85F4FF 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 85F4FF by changing the saturation by 10% instead.

 85F4FF

 85F4FF

FFFFFF

 67D7E2

 C1FFFF

 46BBC6

 DFFFFF

 1EA0AB

FDFFFF

 008691

 006C77

 00535E

 003C47

 002630

 00031C

 85F4FF

 85F4FF

 6CF2FF

 9FF6FF

 52EFFF

 B8F9FF

 39EDFF

 D2FBFF

 1FEBFF

 EBFDFE

 06E9FF

FFFFFF

 00E8FF

Harmonies

Analogous

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



96F5DF



85F4FF



92EFFF

Triad

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



85F4FF



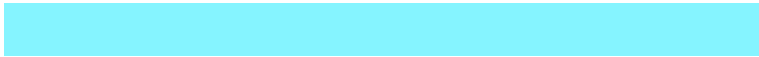
FFD2FF



FCE0A5

Complementary

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



85F4FF



FF9085

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.



FFD6AF



85F4FF



FFCDE7

Square

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



85F4FF



E5DCFF



FFCEC8



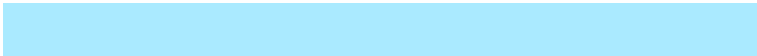
DBEAAB

Rectangle

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



85F4FF



AAEAFF



FFCEC8



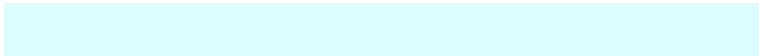
FFDDA6

Sweetspot

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



85F4FF



DBFCFF



85FF8F



6A7E80



000000



808080

Same Dimension

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



85F4FF



6EF2FF



85B8FF



737E80



00AEBF



003A40

Inverse Universe

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



FF85F4



FF6EF2



FFCC85



80737E



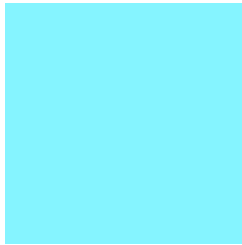
BF00AE



40003A

Previews

White Background



This preview shows how the Hex color 85F4FF looks on a white background.

Color Contrast Check

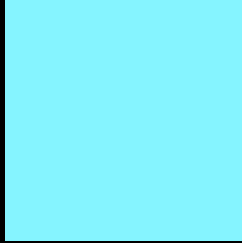
Large Text (above 18pt) WCAG AA × Fail

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 85F4FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

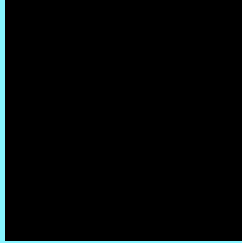
Any Text WCAG AA ✓ Pass

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 85F4FF Background



This preview shows how black text looks on a background with the Hex color 85F4FF.

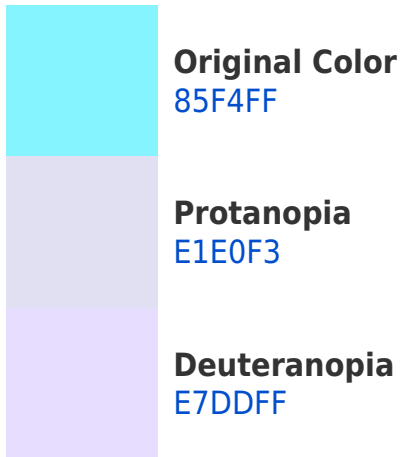


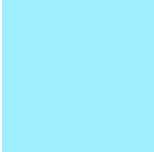
This preview shows how white text looks on a background with the Hex color 85F4FF.

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



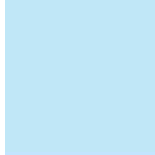


Tritanopia
A0EFFF

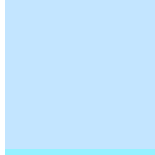
Trichromacy



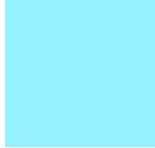
Original Color
85F4FF



Protanomaly
C0E7F7



Deuteranomaly
C3E5FF

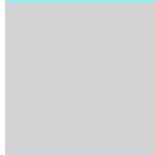


Tritanomaly
96F1FF

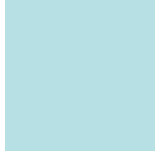
Monochromacy



Original Color
85F4FF



Achromatopsia
D4D4D4



Achromatomaly
B7E0E4

CSS Examples

Text

The CSS property to change the color of the text to Hex 85F4FF 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 #85F4FF looks like.

```
.text, #text, p{  
    color:#85F4FF  
}
```

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 #85F4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85F4FF }  
}
```

Border

The CSS property to change the border of an element to Hex 85F4FF 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 #85F4FF }  
}
```

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

```
.border{ border-color:#85F4FF }
```

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

Here you see how a box with a 4 pixel #85F4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85F4FF; -webkit-box-shadow:4px 4px  
4px 4px #85F4FF; box-shadow:4px 4px 4px  
4px #85F4FF }
```

Background

The CSS property to change the background color of an element to Hex 85F4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85F4FF }
```

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

```
.background{ background-color:#85F4FF }
```

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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