

# Converting Colors

Hex(85F1FF)

Have a look what the booklet for  
Hex(85F1FF) contains.

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# **Color**

**Hex(85F1FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85F1FF
RGB	133, 241, 255
RGB Percent	52%, 95%, 100%
CMY	0.4784, 0.0549, 0.0000
CMYK	0.48, 0.05, 0.00, 0.00
HSL	187°, 100%, 76%
HSV	187°, 48%, 100%
XYZ	59.1782, 75.1171, 105.9878
YIQ	210.3040, -68.8620, -18.5420

# Conversions

## Conversions Part 2

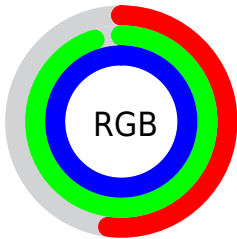
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 190, 255
Decimal	8778239
CIELab	89.45, -27.57, -16.40
CIELCh	89, 32.078, 210.757
Yxy	75.1171, 0.2463, 0.3126
Android (android.graphics.Color)	4286968319 (0xFF85F1FF)
YUV	210.3040, 22.0351, -67.7956
Hunter-Lab	86.6701, -29.7934, -11.8359

# Details

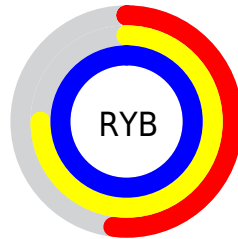
The Hex color **85F1FF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF9385**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **C1FFFF**, and **47B9C6** is the 20% darker color. If you saturate the color by 10%, you get **6CEEFF**, and if you desaturate by 10%, it is **9FF4FF**.

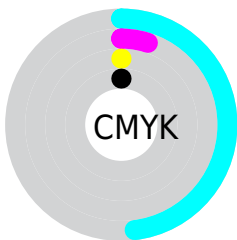
# Distribution



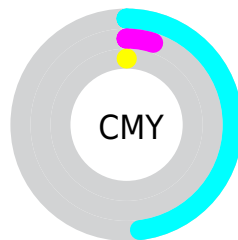
- Red (52%)
- Green (95%)
- Blue (100%)



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



- Cyan (48%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (5%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85F1FF 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 85F1FF by changing the saturation by 10% instead.



 85F1FF

 85F1FF

FFFFFF

 67D4E2

 C1FFFF

 47B9C6

 DFFFFFF

 1F9EAB

FDFFFF

 008390

 006A77

 00515E

 003A46

 002430

 00011C

 85F1FF

 85F1FF

 6CEEFF

 9FF4FF

 52EBFF

 B8F7FF

 39E8FF

 D2FAFF

 1FE5FF

 EBFDFE

 06E2FF

FFFFFF

 00E2FF

# Harmonies

## Analogous

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



93F2E1



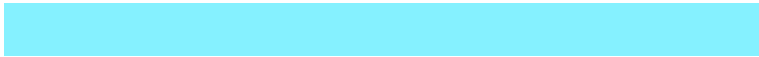
85F1FF



95ECFF

# Triad

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



85F1FF



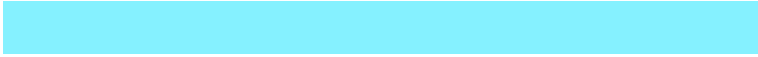
FFCFFF



F6DFA4

# Complementary

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



85F1FF



FF9385

# 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.



FFD5AC



85F1FF



FFCBE1

# Square

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



85F1FF



E7D9FF



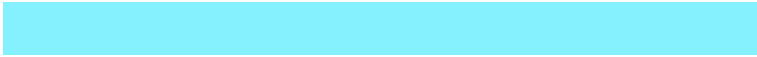
FFCDC3



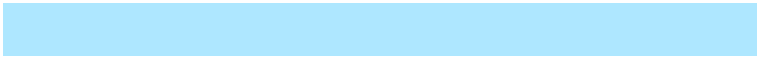
D5E8AC

# Rectangle

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



85F1FF



AEE7FF



FFCDC3



FFDCA5

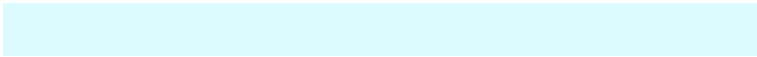


# Sweetspot

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



85F1FF



DBFBFF



85FF91



6A7D80



000000



808080

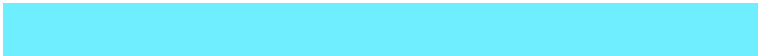


# Same Dimension

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



85F1FF



6EEEEFF



85B6FF



737E80



00A9BF



003840



# Inverse Universe

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



FF85F1



FF6EEE



FFCE85



80737E



BF00A9

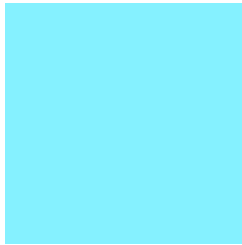


400038



# Previews

## White Background



This preview shows how the Hex color 85F1FF looks on a white background.

## Color Contrast Check

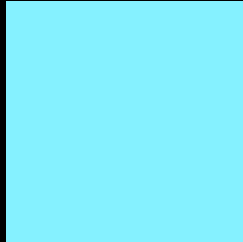
Large Text (above 18pt) WCAG AA × Fail

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 85F1FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

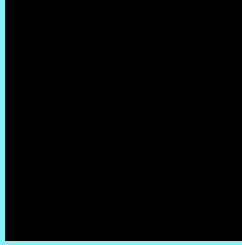
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 85F1FF Background



This preview shows how black text looks on a background with the Hex color 85F1FF.

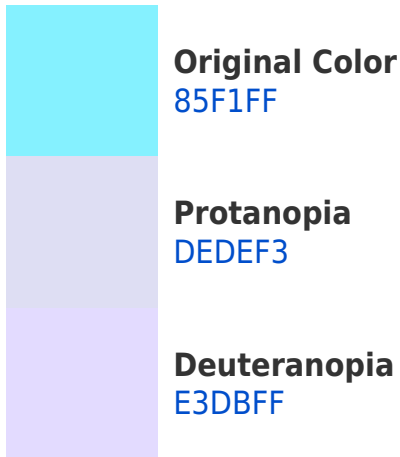


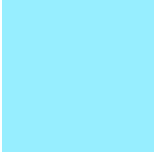
This preview shows how white text looks on a background with the Hex color 85F1FF.

# 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](#).

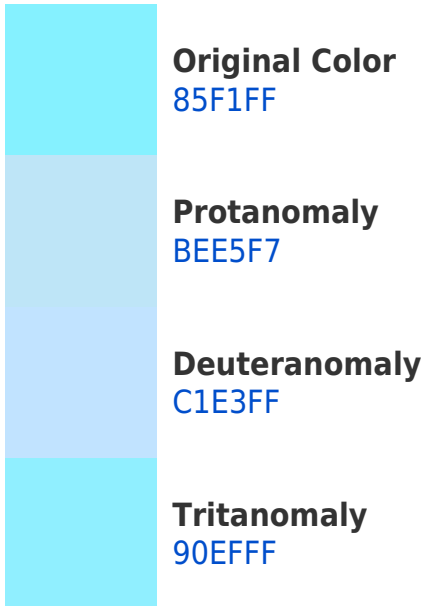
## Dichromacy



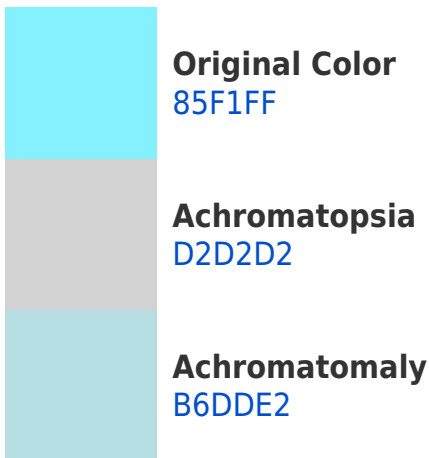


**Tritanopia**  
97EEFF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85F1FF 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 #85F1FF looks like.

```
.text, #text, p{  
    color:#85F1FF  
}
```

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 #85F1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85F1FF
}
```

## Border

The CSS property to change the border of an element to Hex 85F1FF 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
#85F1FF }
```

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

```
.border{ border-color:#85F1FF }
```

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

Here you see how a box with a 4 pixel #85F1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85F1FF; -webkit-box-shadow:4px 4px  
4px 4px #85F1FF; box-shadow:4px 4px 4px  
4px #85F1FF }
```

# Background

The CSS property to change the background color of an element to Hex 85F1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85F1FF }
```

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

```
.background{ background-color:#85F1FF }
```

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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