

# Converting Colors

Hex(85F2FF)

Have a look what the booklet for  
Hex(85F2FF) contains.

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**Color**

**Hex(85F2FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85F2FF
RGB	133, 242, 255
RGB Percent	52%, 95%, 100%
CMY	0.4784, 0.0510, 0.0000
CMYK	0.48, 0.05, 0.00, 0.00
HSL	186°, 100%, 76%
HSV	186°, 48%, 100%
XYZ	59.4750, 75.7108, 106.0867
YIQ	210.8910, -69.1370, -19.0650

# Conversions

## Conversions Part 2

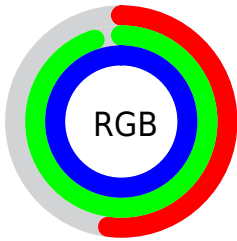
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 191, 255
Decimal	8778495
CIELab	89.72, -28.05, -15.99
CIElCh	90, 32.285, 209.686
Yxy	75.7108, 0.2465, 0.3138
Android (android.graphics.Color)	4286968575 (0xFF85F2FF)
YUV	210.8910, 21.7457, -68.3104
Hunter-Lab	87.0120, -30.2614, -11.3792

# Details

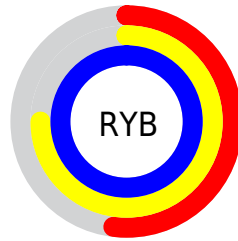
The Hex color **85F2FF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF9285**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **C1FFFF**, and **47BAC6** is the 20% darker color. If you saturate the color by 10%, you get **6CEFFF**, and if you desaturate by 10%, it is **9FF5FF**.

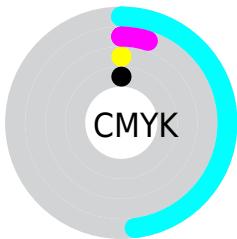
# Distribution



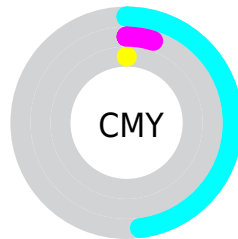
- Red (52%)
- Green (95%)
- Blue (100%)



- 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 85F2FF 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 85F2FF by changing the saturation by 10% instead.



 85F2FF

 85F2FF

FFFFFF

 67D5E2

 C1FFFF

 47BAC6

 DFFFFF

 1E9EAB

FDFFFF

 008490

 006A77

 00525E

 003A46

 002530

 00011C

 85F2FF

 85F2FF

 6CEFFF

 9FF5FF

 52EDFF

 B8F7FF

 39EAFF

 D2FAFF

 1FE7FF

 EBFDFD

 06E4FF

FFFFFF

 00E4FF

# Harmonies

## Analogous

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



94F3E0



85F2FF



94EDFF

# Triad

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



85F2FF



FFD0FF



F8DFA4

# Complementary

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



85F2FF



FF9285

# 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.



FFD5AD



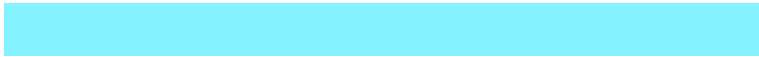
85F2FF



FFCBE3

# Square

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



85F2FF



E6DAFF



FFCDC4



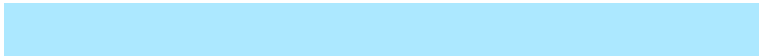
D7E9AB

# Rectangle

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



85F2FF



ACE8FF



FFCDC4

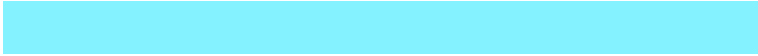


FFDCA5

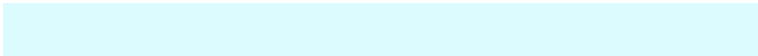


# Sweetspot

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



85F2FF



DBFBFF



85FF91



6A7D80



000000



808080



# Same Dimension

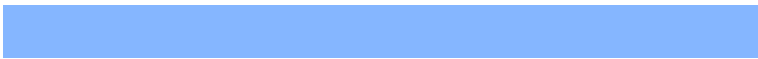
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85F2FF



6EF0FF



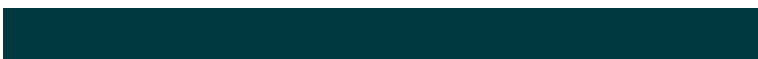
85B6FF



737E80



00ABBF



003940



# Inverse Universe

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



FF85F2



FF6EF0



FFCE85



80737E



BF00AB

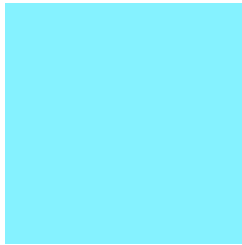


400039



# Previews

## White Background



This preview shows how the Hex color 85F2FF looks on a white background.

## Color Contrast Check

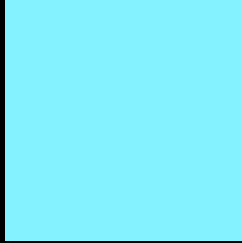
Large Text (above 18pt) WCAG AA × Fail

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 85F2FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

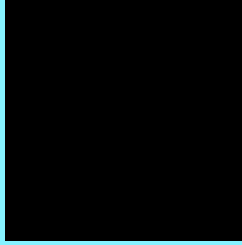
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 85F2FF Background



This preview shows how black text looks on a background with the Hex color 85F2FF.

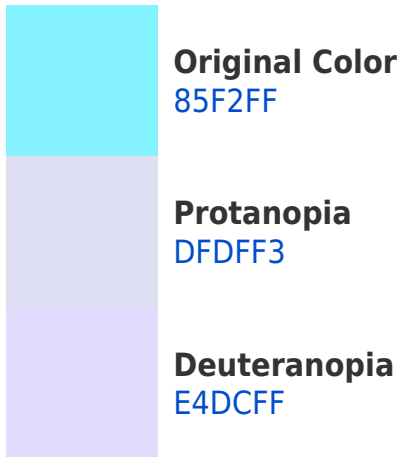


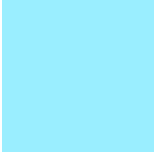
This preview shows how white text looks on a background with the Hex color 85F2FF.

# 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](#).

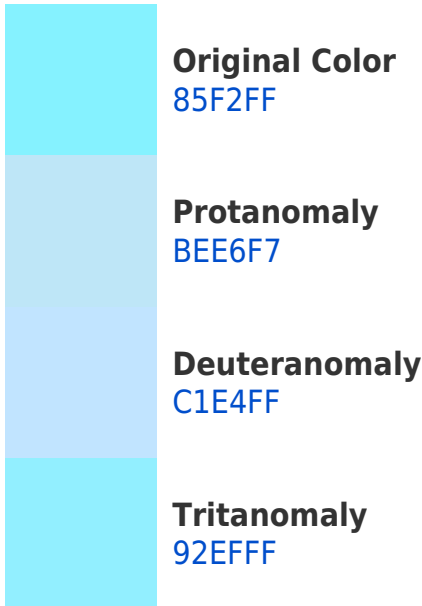
## Dichromacy



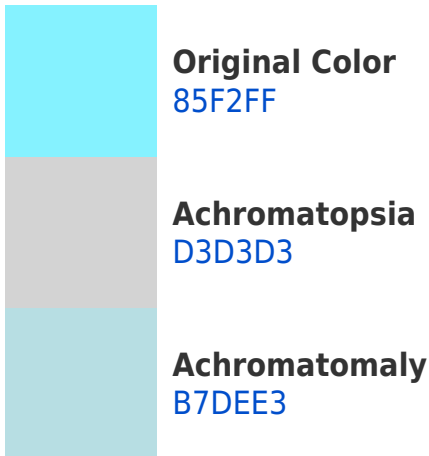


**Tritanopia**  
9AEEFF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85F2FF 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 #85F2FF looks like.

```
.text, #text, p{  
    color:#85F2FF  
}
```

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 #85F2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85F2FF
}
```

## Border

The CSS property to change the border of an element to Hex 85F2FF 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
#85F2FF }
```

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

```
.border{ border-color:#85F2FF }
```

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

Here you see how a box with a 4 pixel #85F2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85F2FF; -webkit-box-shadow:4px 4px  
4px 4px #85F2FF; box-shadow:4px 4px 4px  
4px #85F2FF }
```

# Background

The CSS property to change the background color of an element to Hex 85F2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85F2FF }
```

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

```
.background{ background-color:#85F2FF }
```

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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