

# Converting Colors

Hex(84F7FF)

Have a look what the booklet for  
Hex(84F7FF) contains.

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**Color**

**Hex(84F7FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84F7FF
RGB	132, 247, 255
RGB Percent	52%, 97%, 100%
CMY	0.4824, 0.0314, 0.0000
CMYK	0.48, 0.03, 0.00, 0.00
HSL	184°, 100%, 76%
HSV	184°, 48%, 100%
XYZ	60.8265, 78.6471, 106.5822
YIQ	213.5270, -71.1080, -21.8920

# Conversions

## Conversions Part 2

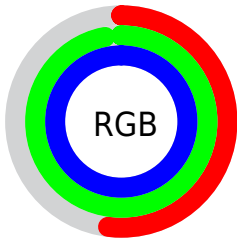
<b>Format</b>	<b>Color</b>
<b>RYB</b>	132, 191, 255
Decimal	8714239
CIELab	91.07, -30.65, -13.97
CIELCh	91, 33.683, 204.504
Yxy	78.6471, 0.2472, 0.3196
Android (android.graphics.Color)	4286904319 (0xFF84F7FF)
YUV	213.5270, 20.4462, -71.4992
Hunter-Lab	88.6832, -32.7650, -9.1784

# Details

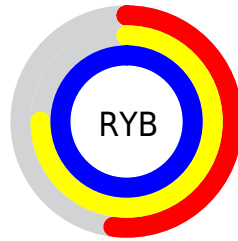
The Hex color **84F7FF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF8C84**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **C0FFFF**, and **45BEC6** is the 20% darker color. If you saturate the color by 10%, you get **6BF5FF**, and if you desaturate by 10%, it is **9EF9FF**.

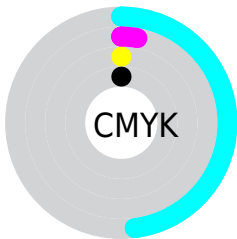
# Distribution



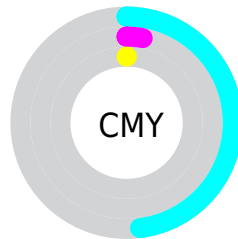
- Red (52%)
- Green (97%)
- Blue (100%)



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



- Cyan (48%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (3%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84F7FF 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 84F7FF by changing the saturation by 10% instead.



 84F7FF

 84F7FF

FFFFFF

 65DAE2

 C0FFFF

 45BEC6

 DEFFFF

 19A3AB

 FCFFFF

 008891

 006F77

 00565E

 003E47

 002830

 00091C

 84F7FF

 84F7FF

 6BF5FF

 9EF9FF

 51F4FF

 B7FAFF

 38F2FF

 D1FCFF

 1EF0FF

 EAFEFF

 05EFFF

FFFFFF

 00EEFF

# Harmonies

## Analogous

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



99F7DE



84F7FF



8EF3FF

# Triad

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



84F7FF



FFD5FF



FFE1A5

# Complementary

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



84F7FF



FF8C84

# 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.



FFD7B2



84F7FF



FFCEED

# Square

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



84F7FF



E2DFFF



FFCFCC



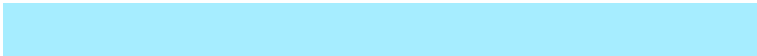
E1ECAA

# Rectangle

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



84F7FF



A6EDFF



FFCFCC



FFDEA8



# Sweetspot

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



84F7FF



DBFDFF



84FF8A



6A7E80



000000



808080



# Same Dimension

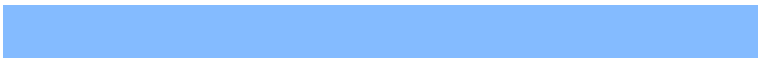
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84F7FF



6BF5FF



84BBFF



737F80



00B3BF



003C40



# Inverse Universe

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



FF84F7



FF6BF5



FFC884



80737F



BF00B3

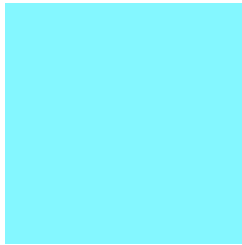


40003C



# Previews

## White Background



This preview shows how the Hex color 84F7FF looks on a white background.

## Color Contrast Check

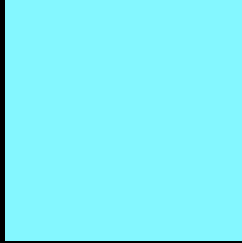
Large Text (above 18pt) WCAG AA × Fail

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 84F7FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

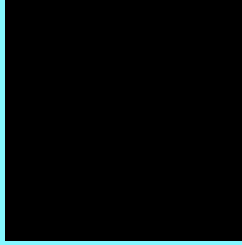
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 84F7FF Background



This preview shows how black text looks on a background with the Hex color 84F7FF.

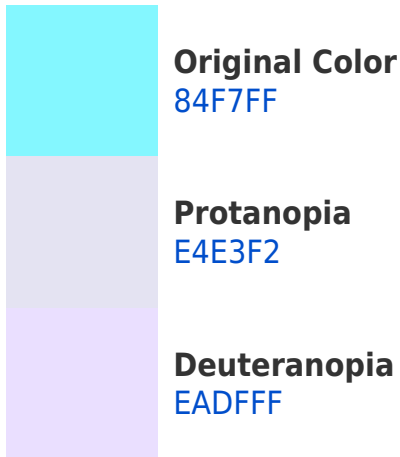


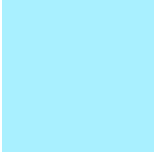
This preview shows how white text looks on a background with the Hex color 84F7FF.

# 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



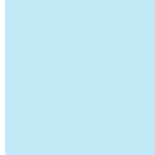


**Tritanopia**  
A9F0FF

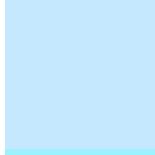
# Trichromacy



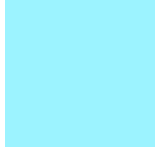
**Original Color**  
84F7FF



**Protanomaly**  
C1EAF7



**Deuteranomaly**  
C5E8FF

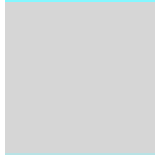


**Tritanomaly**  
9CF3FF

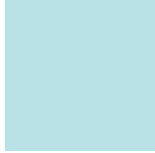
# Monochromacy



**Original Color**  
84F7FF



**Achromatopsia**  
D6D6D6



**Achromatomaly**  
B8E2E5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84F7FF 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 #84F7FF looks like.

```
.text, #text, p{  
    color:#84F7FF  
}
```

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 #84F7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84F7FF
}
```

## Border

The CSS property to change the border of an element to Hex 84F7FF 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
#84F7FF }
```

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

```
.border{ border-color:#84F7FF }
```

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

Here you see how a box with a 4 pixel #84F7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84F7FF; -webkit-box-shadow:4px 4px  
4px 4px #84F7FF; box-shadow:4px 4px 4px  
4px #84F7FF }
```

# Background

The CSS property to change the background color of an element to Hex 84F7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84F7FF }
```

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

```
.background{ background-color:#84F7FF }
```

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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