

Converting Colors

Hex(83F2FF)

Have a look what the booklet for
Hex(83F2FF) contains.

Hex(83F2FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(83F2FF)

Conversions

Conversions Part 1

Format	Color
Hex	83F2FF
RGB	131, 242, 255
RGB Percent	51%, 95%, 100%
CMY	0.4863, 0.0510, 0.0000
CMYK	0.49, 0.05, 0.00, 0.00
HSL	186°, 100%, 76%
HSV	186°, 49%, 100%
XYZ	59.1622, 75.5496, 106.0721
YIQ	210.2930, -70.3290, -19.4890

Conversions

Conversions Part 2

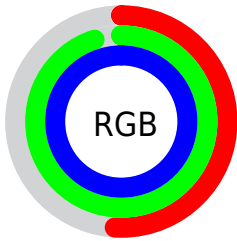
Format	Color
RYB	131, 190, 255
Decimal	8647423
CIELab	89.65, -28.47, -16.11
CIElCh	90, 32.716, 209.498
Yxy	75.5496, 0.2457, 0.3138
Android (android.graphics.Color)	4286837503 (0xFF83F2FF)
YUV	210.2930, 22.0406, -69.5400
Hunter-Lab	86.9192, -30.6114, -11.5112

Details

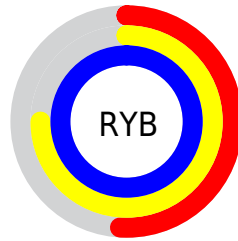
The Hex color **83F2FF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF9083**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **BFFFFFF**, and **44BAC6** is the 20% darker color. If you saturate the color by 10%, you get **6AEFFF**, and if you desaturate by 10%, it is **9CF5FF**.

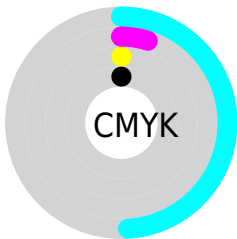
Distribution



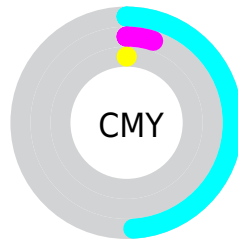
- Red (51%)
- Green (95%)
- Blue (100%)



- Red (51%)
- Yellow (75%)
- Blue (100%)



- Cyan (49%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83F2FF 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 83F2FF by changing the saturation by 10% instead.

 83F2FF

 83F2FF

FFFFFF

 65D5E2

 BFFFFFF

 44BAC6

 DDDFFF

 199EAB

 FFFFFFF

 008490

 006A77

 00525E

 003A46

 002530

 00011C

 83F2FF

 83F2FF

 6AEFFF

 9CF5FF

 50EDFF

 B6F7FF

 37E AFF

 D0FAFF

 1DE7FF

 E9FDFF

 04E5FF

FFFFFF

 00E4FF

Harmonies

Analogous

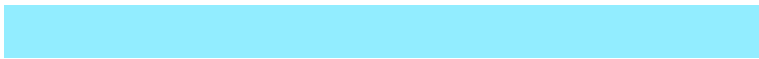
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93F3E0



83F2FF



92EDFF

Triad

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



83F2FF



FFD0FF



F9DFA3

Complementary

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



83F2FF



FF9083

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



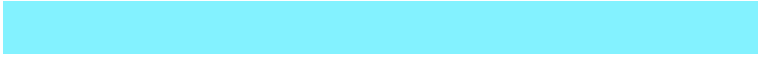
83F2FF



FFCBE3

Square

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



83F2FF



E5DAFF



FFCDC4



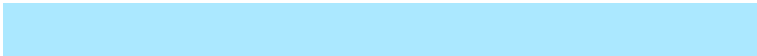
D7E9AA

Rectangle

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



83F2FF



ABE8FF



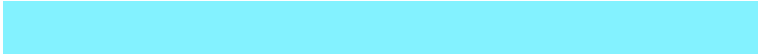
FFCDC4



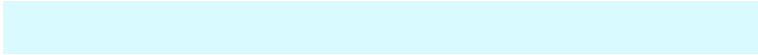
FFDCA4

Sweetspot

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



83F2FF



D9FBFF



83FF8F



697D80



000000



808080

Same Dimension

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



83F2FF



6BEFFF



83B5FF



737E80



00ABBF



003940

Inverse Universe

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



FF83F2



FF6BEF



FFCD83



80737E



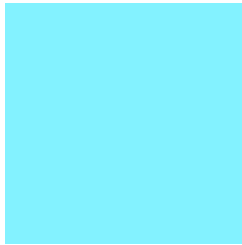
BF00AB



400039

Previews

White Background



This preview shows how the Hex color 83F2FF looks on a white background.

Color Contrast Check

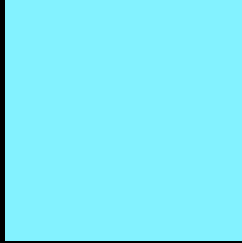
Large Text (above 18pt) WCAG AA × Fail

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 83F2FF 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 83F2FF Background



This preview shows how black text looks on a background with the Hex color 83F2FF.

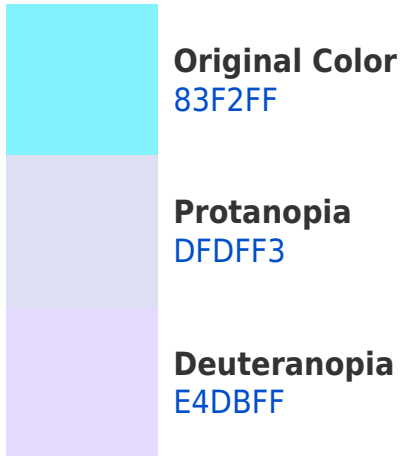


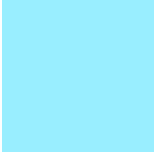
This preview shows how white text looks on a background with the Hex color 83F2FF.

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



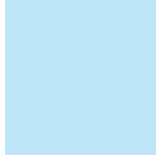


Tritanopia
99EEFF

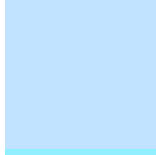
Trichromacy



Original Color
83F2FF



Protanomaly
BEE6F7



Deuteranomaly
C1E3FF

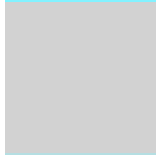


Tritanomaly
91EFFF

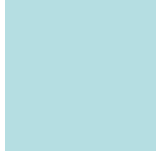
Monochromacy



Original Color
83F2FF



Achromatopsia
D2D2D2



Achromatomaly
B5DEE2

CSS Examples

Text

The CSS property to change the color of the text to Hex 83F2FF 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 #83F2FF looks like.

```
.text, #text, p{  
    color:#83F2FF  
}
```

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 #83F2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83F2FF  
}
```

Border

The CSS property to change the border of an element to Hex 83F2FF 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  
#83F2FF }
```

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

```
.border{ border-color:#83F2FF }
```

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

Here you see how a box with a 4 pixel #83F2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83F2FF; -webkit-box-shadow:4px 4px  
4px 4px #83F2FF; box-shadow:4px 4px 4px  
4px #83F2FF }
```

Background

The CSS property to change the background color of an element to Hex 83F2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83F2FF }
```

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

```
.background{ background-color:#83F2FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor