

Converting Colors

Hex(80FCFF)

Have a look what the booklet for
Hex(80FCFF) contains.

Hex(80FCFF)	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(80FCFF)

Conversions

Conversions Part 1

Format	Color
Hex	80FCFF
RGB	128, 252, 255
RGB Percent	50%, 99%, 100%
CMY	0.4980, 0.0118, 0.0000
CMYK	0.50, 0.01, 0.00, 0.00
HSL	181°, 100%, 75%
HSV	181°, 50%, 100%
XYZ	61.7625, 81.4300, 107.0701
YIQ	215.2660, -74.8670, -25.3550

Conversions

Conversions Part 2

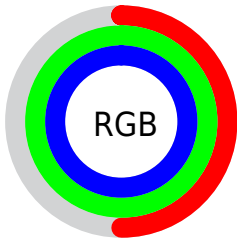
Format	Color
RYB	128, 191, 255
Decimal	8453375
CIELab	92.32, -33.83, -12.12
CIElCh	92, 35.936, 199.711
Yxy	81.4300, 0.2468, 0.3254
Android (android.graphics.Color)	4286643455 (0xFF80FCFF)
YUV	215.2660, 19.5889, -76.5323
Hunter-Lab	90.2386, -35.7458, -7.1819

Details

The Hex color **80FCFF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF8380**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **BDFFFF**, and **3EC3C6** is the 20% darker color. If you saturate the color by 10%, you get **67FBFF**, and if you desaturate by 10%, it is **9AFDFF**.

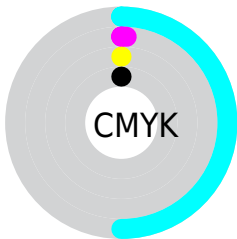
Distribution



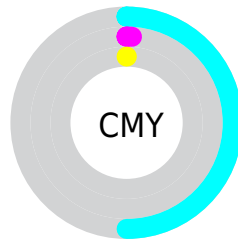
- Red (50%)
- Green (99%)
- Blue (100%)



- Red (50%)
- Yellow (75%)
- Blue (100%)



- Cyan (50%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80FCFF 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 80FCFF by changing the saturation by 10% instead.

 80FCFF

 80FCFF

FFFFFF

 61DFE2

 BDFFFF

 3EC3C6

 DBFFFF

 04A7AB

 FAFFFF

 008D91

 007377

 005A5E

 004147

 002B30

 00101C

 80FCFF

 80FCFF

 67FBFF

 9AFDFF

 4DFBFF

 B3FDFF

 33FAFF

 CDFEFF

 1AFAFF

 E6FEFF

 00F9FF

FFFFFF

Harmonies

Analogous

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



9CFBDB



80FCFF



85F8FF

Triad

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



80FCFF



FFD8FF



FFE3A5

Complementary

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



80FCFF



FF8380

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.



FFD7B6



80FCFF



FFD1F6

Square

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



80FCFF



DEE4FF



FFD0D3



EAEEA7

Rectangle

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



80FCFF



9CF3FF



FFD0D3



FFDFA9

Sweetspot

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



80FCFF



D9FEFF



80FF82



697F80



000000



808080

Same Dimension

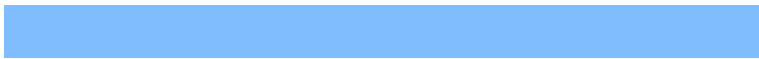
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80FCFF



66FBFF



80BDFF



737F80



00BBBF



003E40

Inverse Universe

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



FF80FC



FF66FB



FFC280



80737F



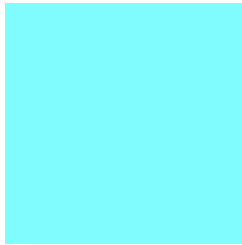
BF00BB



40003E

Previews

White Background



This preview shows how the Hex color 80FCFF looks on a white background.

Color Contrast Check

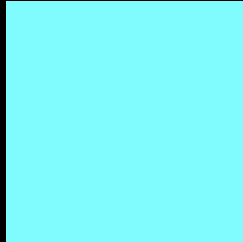
Large Text (above 18pt) WCAG AA × Fail

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 80FCFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

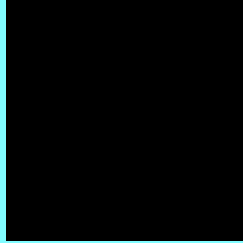
Any Text WCAG AA ✓ Pass

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 80FCFF Background



This preview shows how black text looks on a background with the Hex color 80FCFF.

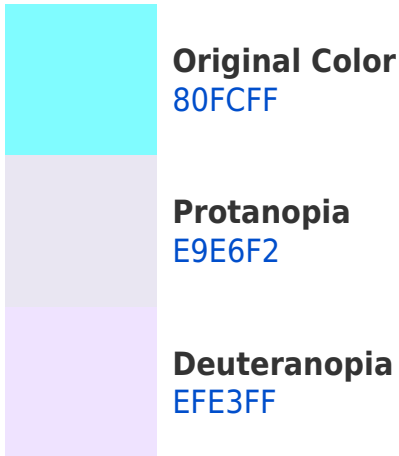


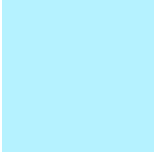
This preview shows how white text looks on a background with the Hex color 80FCFF.

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



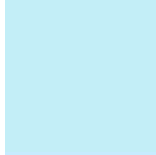


Tritanopia
B5F2FF

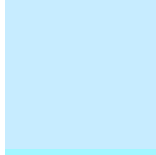
Trichromacy



Original Color
80FCFF



Protanomaly
C3EEF7



Deuteranomaly
C7ECFF

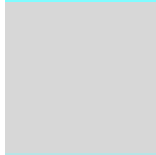


Tritanomaly
A2F6FF

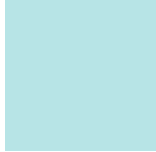
Monochromacy



Original Color
80FCFF



Achromatopsia
D7D7D7



Achromatomaly
B7E4E6

CSS Examples

Text

The CSS property to change the color of the text to Hex 80FCFF 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 #80FCFF looks like.

```
.text, #text, p{  
    color:#80FCFF  
}
```

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 #80FCFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80FCFF
}
```

Border

The CSS property to change the border of an element to Hex 80FCFF 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
#80FCFF }
```

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

```
.border{ border-color:#80FCFF }
```

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

Here you see how a box with a 4 pixel #80FCFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80FCFF; -webkit-box-shadow:4px 4px  
4px 4px #80FCFF; box-shadow:4px 4px 4px  
4px #80FCFF }
```

Background

The CSS property to change the background color of an element to Hex 80FCFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80FCFF }
```

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

```
.background{ background-color:#80FCFF }
```

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