

Converting Colors

Hex(80FBFF)

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

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Color

Hex(80FBFF)

Conversions

Conversions Part 1

Format	Color
Hex	80FBFF
RGB	128, 251, 255
RGB Percent	50%, 98%, 100%
CMY	0.4980, 0.0157, 0.0000
CMYK	0.50, 0.02, 0.00, 0.00
HSL	182°, 100%, 75%
HSV	182°, 50%, 100%
XYZ	61.4493, 80.8036, 106.9657
YIQ	214.6790, -74.5920, -24.8320

Conversions

Conversions Part 2

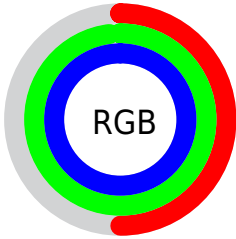
Format	Color
RYB	128, 190, 255
Decimal	8453119
CIELab	92.04, -33.36, -12.54
CIELCh	92, 35.641, 200.593
Yxy	80.8036, 0.2466, 0.3242
Android (android.graphics.Color)	4286643199 (0xFF80FBFF)
YUV	214.6790, 19.8783, -76.0175
Hunter-Lab	89.8908, -35.2865, -7.6287

Details

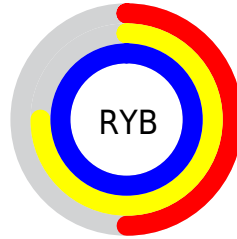
The Hex color **80FBFF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF8480**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **BDFFFF**, and **3EC2C6** is the 20% darker color. If you saturate the color by 10%, you get **67FAFF**, and if you desaturate by 10%, it is **9AFCFF**.

Distribution



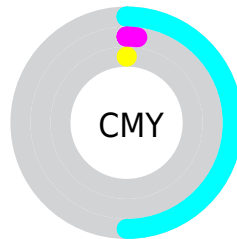
- Red (50%)
- Green (98%)
- Blue (100%)



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



- Cyan (50%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 80FBFF

FFFFFF

 BDFFFF

 DBFFFF

 F9FFFF

 80FBFF

 61DEE2

 3EC2C6

 05A7AB

 008C91

 007277

 00595E

 004147

 002A30

 000F1C

 80FBFF

 80FBFF

 67FAFF

 9AFCFF

 4DF9FF

 B3FDFF

 33F9FF

 CDFDFF

 1AF8FF

 E6FEFF

 00F7FF

 FFFFFFFF

Harmonies

Analogous

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



9BFDC



80FBFF



86F7FF

Triad

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



80FBFF



FFD8FF



FFE2A5

Complementary

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



80FBFF



FF8480

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.



FFD7B5



80FBFF



FFD0F4

Square

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



80FBFF



DEE3FF



FFD0D2



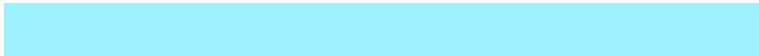
E8EDA8

Rectangle

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



80FBFF



9EF2FF



FFD0D2



FFDEA8

Sweetspot

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



80FBFF



D9FEFF



80FF82



697F80



000000



808080

Same Dimension

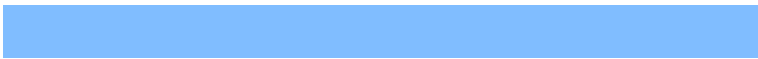
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80FBFF



66FAFF



80BDFF



737F80



00B9BF



003E40

Inverse Universe

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



FF80FB



FF66FA



FFC280



80737F



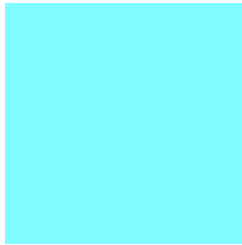
BF00B9



40003E

Previews

White Background



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

Color Contrast Check

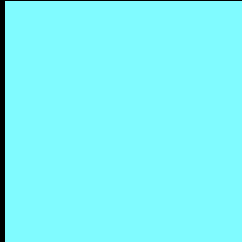
Large Text (above 18pt) WCAG AA × Fail

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 80FBFF 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 80FBFF Background



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

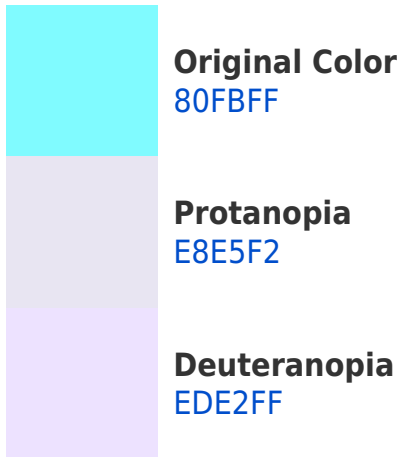


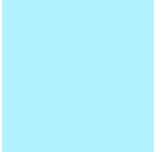
This preview shows how white text looks on a background with the Hex color 80FBFF.

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



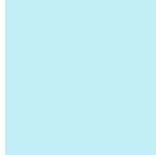


Tritanopia
B2F2FF

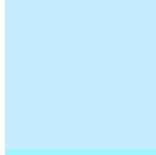
Trichromacy



Original Color
80FBFF



Protanomaly
C2EDF7

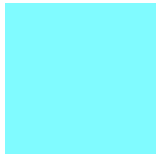


Deuteranomaly
C5EBFF

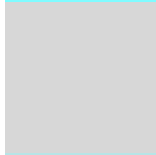


Tritanomaly
A0F5FF

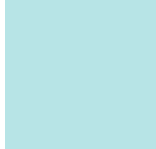
Monochromacy



Original Color
80FBFF



Achromatopsia
D7D7D7



Achromatomaly
B7E4E6

CSS Examples

Text

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

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

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 #80FBFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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