

Converting Colors

Hex(80BFFF)

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

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Color

Hex(80BFFF)

Conversions

Conversions Part 1

Format	Color
Hex	80BFFF
RGB	128, 191, 255
RGB Percent	50%, 75%, 100%
CMY	0.4980, 0.2510, 0.0000
CMYK	0.50, 0.25, 0.00, 0.00
HSL	210°, 100%, 75%
HSV	210°, 50%, 100%
XYZ	45.5829, 49.0708, 101.6769
YIQ	179.4590, -58.0920, 6.5480

Conversions

Conversions Part 2

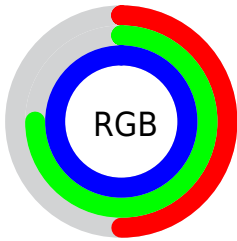
Format	Color
R _Y B	128, 170, 255
Decimal	8437759
CIE Lab	75.50, -3.00, -37.74
CIE LCh	75, 37.855, 265.450
Yxy	49.0708, 0.2322, 0.2499
Android (android.graphics.Color)	4286627839 (0xFF80BFFF)
YUV	179.4590, 37.2417, -45.1295
Hunter-Lab	70.0506, -6.4360, -37.0228

Details

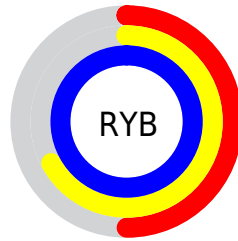
The Hex color **80BFFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFC080**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **BAF7FF**, and **448AC6** is the 20% darker color. If you saturate the color by 10%, you get **67B2FF**, and if you desaturate by 10%, it is **9ACCFF**.

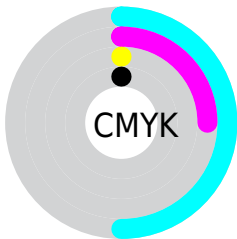
Distribution



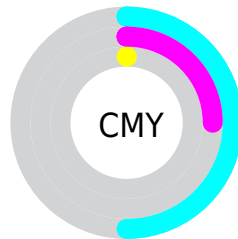
- Red (50%)
- Green (75%)
- Blue (100%)



- Red (50%)
- Yellow (67%)
- Blue (100%)



- Cyan (50%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 80BFFF

FFFFFF

 BAF7FF

 D8FFFF

 F6FFFF

 80BFFF

 63A4E2

 448AC6

 1E71AB

 005890

 004176

 002C5D

 001845

 00042E

 000118

 80BFFF

 80BFFF

 67B2FF

 9ACCFE

 4DA5FF


 B3D9FF

 3398FF

 CDE6FF

 1A8CFF

 E6F2FF

 007FFF

FFFFFF

 007EFF

Harmonies

Analogous

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



49C8F2



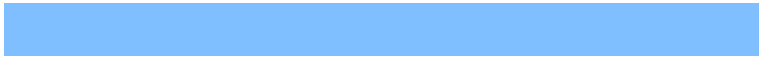
80BFFF



B7B3F9

Triad

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



80BFFF



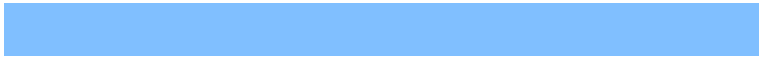
FEA19E



8AC991

Complementary

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



80BFFF



FFC080

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.



B3C17A



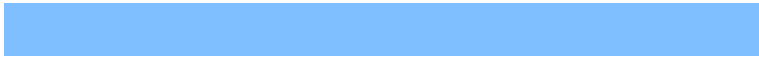
80BFFF



F1AA82

Square

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



80BFFF



FAA0C1



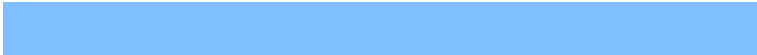
D6B674



5ECDB3

Rectangle

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



80BFFF



D5ABEB



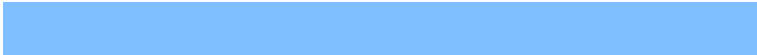
D6B674



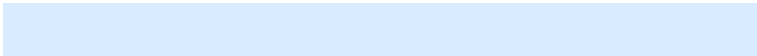
98C688

Sweetspot

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



80BFFF



D9ECFF



80FFC0



697480



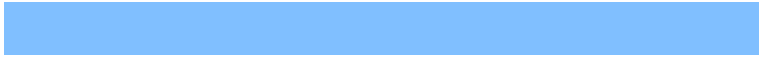
000000



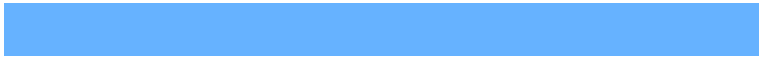
808080

Same Dimension

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



80BFFF



66B2FF



8080FF



737980



005FBF



002040

Inverse Universe

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



FF80BF



FF66B2



FFFF80



807379



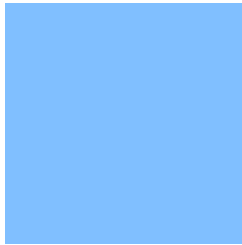
BF005F



400020

Previews

White Background



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

Color Contrast Check

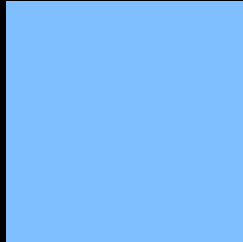
Large Text (above 18pt) WCAG AA × Fail

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 80BFFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

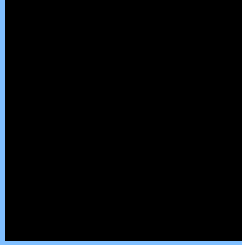
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

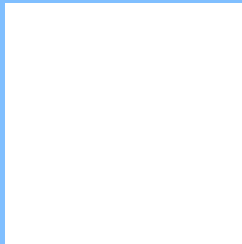
Any Text WCAG AAA ✓ Pass

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

Hex 80BFFF Background



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

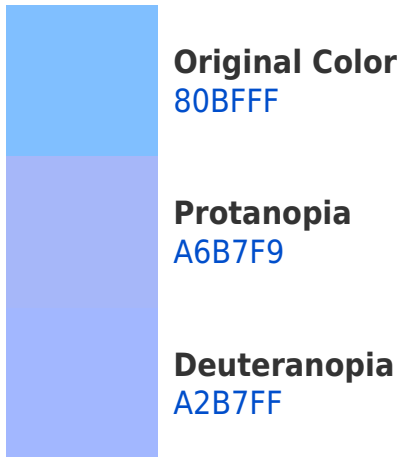


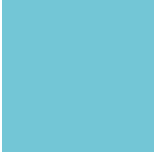
This preview shows how white text looks on a background with the Hex color 80BFFF.

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](#).

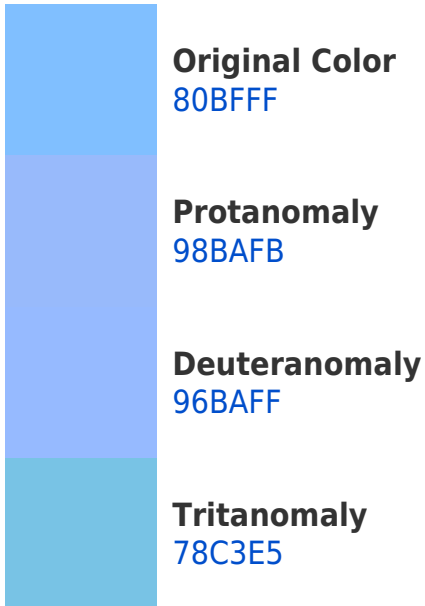
Dichromacy



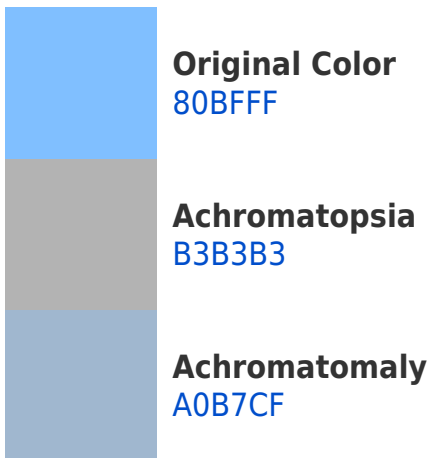


Tritanopia
73C6D6

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #80BFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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