

Converting Colors

Hex(80B3FF)

Have a look what the booklet for
Hex(80B3FF) contains.

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Color

Hex(80B3FF)

Conversions

Conversions Part 1

Format	Color
Hex	80B3FF
RGB	128, 179, 255
RGB Percent	50%, 70%, 100%
CMY	0.4980, 0.2980, 0.0000
CMYK	0.50, 0.30, 0.00, 0.00
HSL	216°, 100%, 75%
HSV	216°, 50%, 100%
XYZ	43.0722, 44.0494, 100.8400
YIQ	172.4150, -54.7920, 12.8240

Conversions

Conversions Part 2

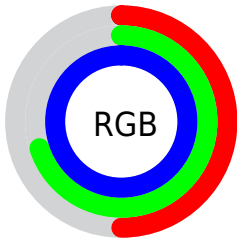
Format	Color
R _Y B	128, 164, 255
Decimal	8434687
CIE Lab	72.26, 3.61, -42.77
CIE LCh	72, 42.926, 274.830
Yxy	44.0494, 0.2292, 0.2344
Android (android.graphics.Color)	4286624767 (0xFF80B3FF)
YUV	172.4150, 40.7144, -38.9520
Hunter-Lab	66.3697, -0.3052, -43.6245

Details

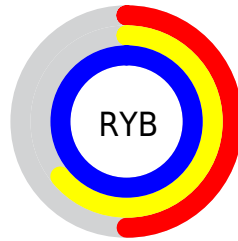
The Hex color **80B3FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFCC80**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **BAEBFF**, and **447FC6** is the 20% darker color. If you saturate the color by 10%, you get **67A4FF**, and if you desaturate by 10%, it is **9AC2FF**.

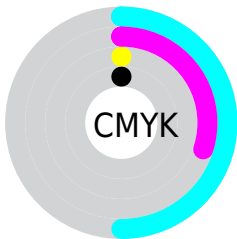
Distribution



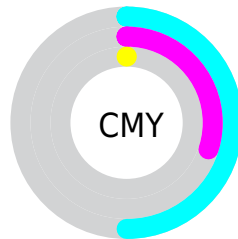
- Red (50%)
- Green (70%)
- Blue (100%)



- Red (50%)
- Yellow (64%)
- Blue (100%)



- Cyan (50%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80B3FF 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 80B3FF by changing the saturation by 10% instead.

 80B3FF

 80B3FF

FFFFFF

 6398E2

 BAEBFF

 447FC6

 D8FFFF

 1E66AA

 F6FFFF

 004E90

 003876

 00235C

 000D44

 00032D

 000118

■ 80B3FF

■ 80B3FF

■ 67A4FF

■ 9AC2FF

■ 4D94FF

■ B3D2FF

■ 3385FF

■ CDE1FF

■ 1A76FF

■ E6F0FF

■ 0067FF

FFFFFF

■ 0066FF

Harmonies

Analogous

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



27BEF7



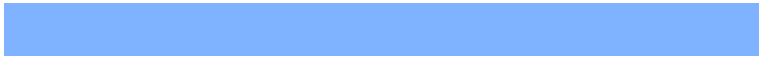
80B3FF



BEA5F2

Triad

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



80B3FF



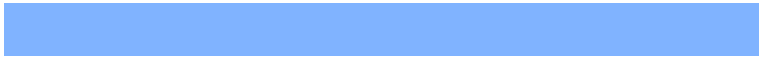
F99786



69C38E

Complementary

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



80B3FF



FFC880

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.



9ABC6F



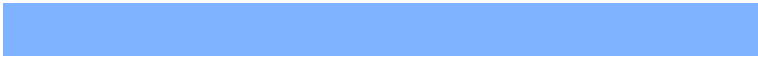
80B3FF



E5A36B

Square

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



80B3FF



FB92AC



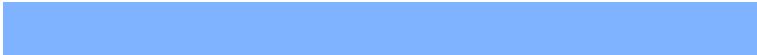
C4B162



21C6B6

Rectangle

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



80B3FF



DC9BDF



C4B162



7BC183

Sweetspot

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



80B3FF



D9E8FF



80FFCA



697280



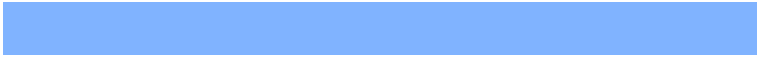
000000



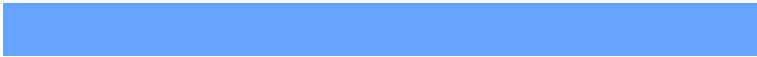
808080

Same Dimension

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



80B3FF



66A3FF



8B80FF



737880



004DBF



001A40

Inverse Universe

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



FF80B3



FF66A3



F4FF80



807378



BF004D



40001A

Previews

White Background



This preview shows how the Hex color 80B3FF looks on a white background.

Color Contrast Check

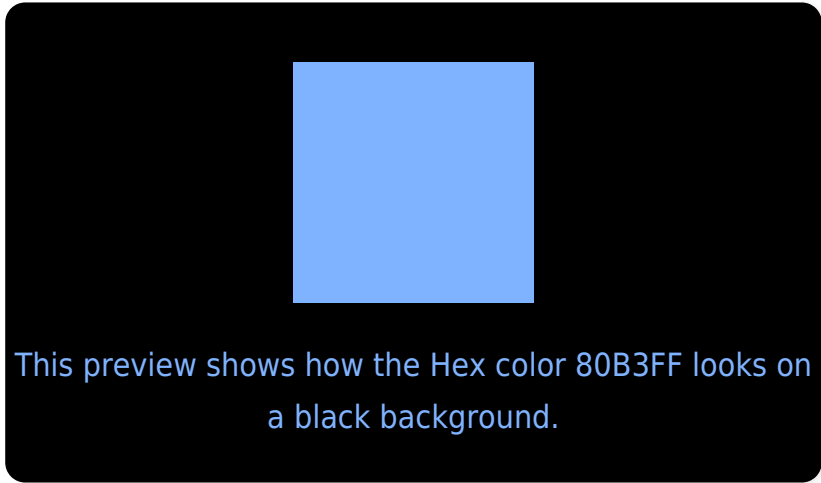
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

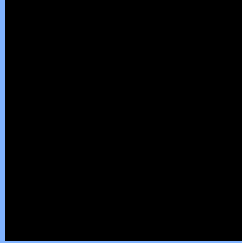
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

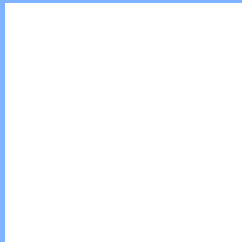
Any Text WCAG AAA ✓ Pass

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

Hex 80B3FF Background



This preview shows how black text looks on a background with the Hex color 80B3FF.

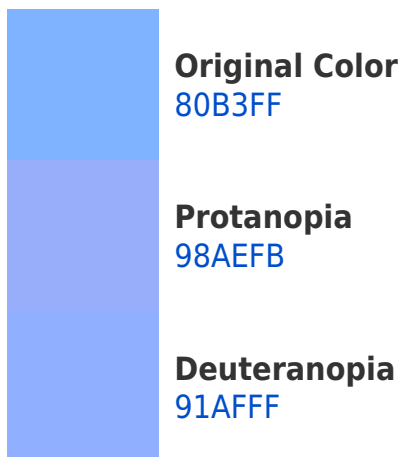


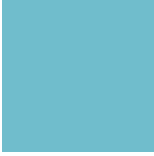
This preview shows how white text looks on a background with the Hex color 80B3FF.

Color Blindness Simulation

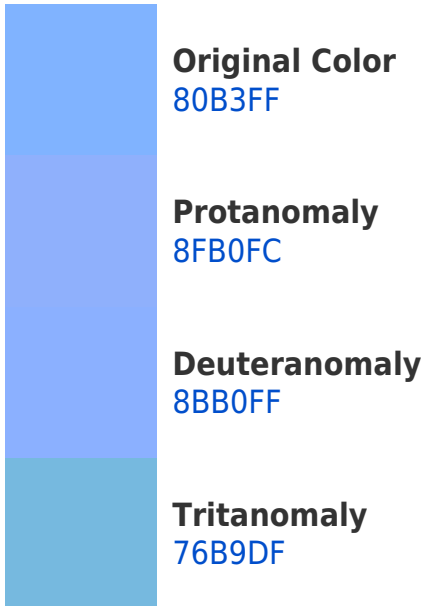
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

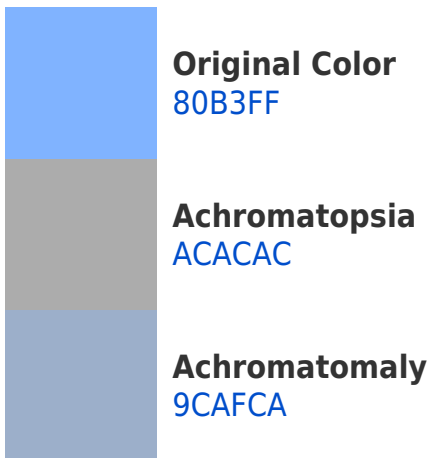




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80B3FF 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 #80B3FF looks like.

```
.text, #text, p{  
    color:#80B3FF  
}
```

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 #80B3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80B3FF
}
```

Border

The CSS property to change the border of an element to Hex 80B3FF 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
#80B3FF }
```

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

```
.border{ border-color:#80B3FF }
```

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

Here you see how a box with a 4 pixel #80B3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80B3FF; -webkit-box-shadow:4px 4px  
4px 4px #80B3FF; box-shadow:4px 4px 4px  
4px #80B3FF }
```

Background

The CSS property to change the background color of an element to Hex 80B3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80B3FF }
```

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

```
.background{ background-color:#80B3FF }
```

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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