

Converting Colors

Hex(80B1FF)

Have a look what the booklet for
Hex(80B1FF) contains.

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Color

Hex(80B1FF)

Conversions

Conversions Part 1

Format	Color
Hex	80B1FF
RGB	128, 177, 255
RGB Percent	50%, 69%, 100%
CMY	0.4980, 0.3059, 0.0000
CMYK	0.50, 0.31, 0.00, 0.00
HSL	217°, 100%, 75%
HSV	217°, 50%, 100%
XYZ	42.6742, 43.2535, 100.7073
YIQ	171.2410, -54.2420, 13.8700

Conversions

Conversions Part 2

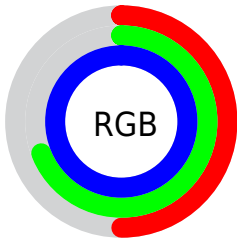
Format	Color
R_{YB}	128, 163, 255
Decimal	8434175
CIE _{Lab}	71.73, 4.73, -43.61
CIE _{LCh}	72, 43.867, 276.194
Yxy	43.2535, 0.2287, 0.2318
Android (android.graphics.Color)	4286624255 (0xFF80B1FF)
YUV	171.2410, 41.2932, -37.9224
Hunter-Lab	65.7674, 0.7297, -44.7516

Details

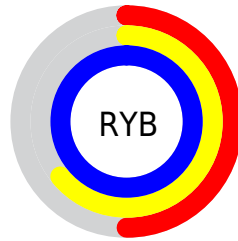
The Hex color **80B1FF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFCE80**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **BAE8FF**, and **447DC6** is the 20% darker color. If you saturate the color by 10%, you get **67A1FF**, and if you desaturate by 10%, it is **9AC1FF**.

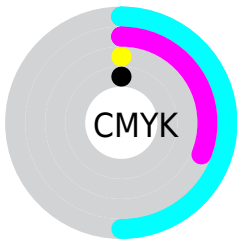
Distribution



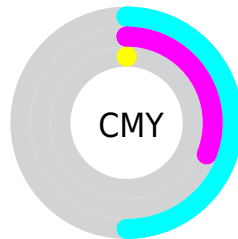
- Red (50%)
- Green (69%)
- Blue (100%)



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



- Cyan (50%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80B1FF 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 80B1FF by changing the saturation by 10% instead.

 80B1FF

 80B1FF

FFFFFF

 6396E2

 BAE8FF

 447DC6

 D8FFFF

 1E64AA

 F6FFFF

 004D90

 003675

 00225C

 000A44

 00032D

 000118

 80B1FF

 80B1FF

 67A1FF

 9AC1FF

 4D92FF

 B3D0FF

 3382FF

 CDE0FF

 1A72FF

 E6F0FF

 0063FF

FFFFFF

 0062FF

Harmonies

Analogous

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



1EBDF8



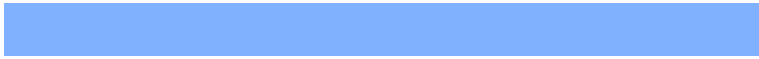
80B1FF



BFA2F0

Triad

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



80B1FF



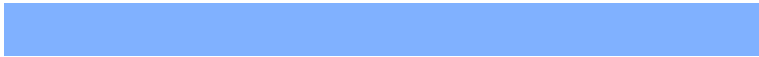
F99582



63C28E

Complementary

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



80B1FF



FFCE80

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.



96BB6D



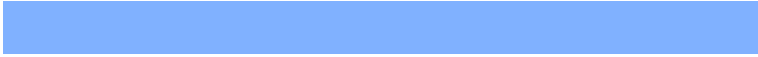
80B1FF



E3A267

Square

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



80B1FF



FC8FA9



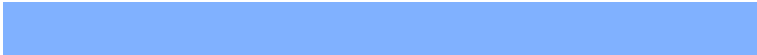
C1B05F



00C5B7

Rectangle

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



80B1FF



DD99DD



C1B05F



76C082

Sweetspot

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



80B1FF



D9E8FF



80FFCC



697180



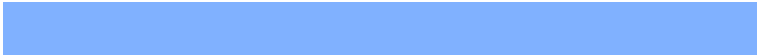
000000



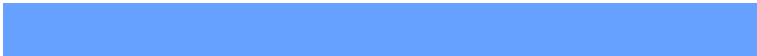
808080

Same Dimension

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



80B1FF



66A1FF



8D80FF



737880



004ABF



001940

Inverse Universe

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



FF80B1



FF66A1



F2FF80



807378



BF004A



400019

Previews

White Background



This preview shows how the Hex color 80B1FF looks on a white background.

Color Contrast Check

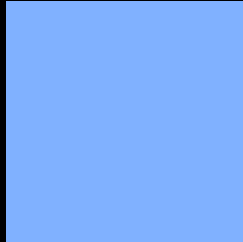
Large Text (above 18pt) WCAG AA × Fail

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 80B1FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

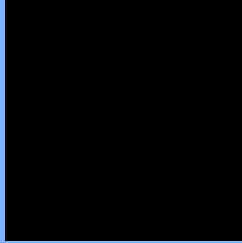
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

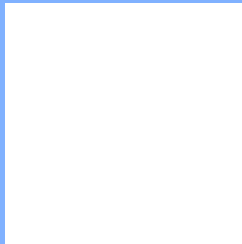
Any Text WCAG AAA ✓ Pass

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

Hex 80B1FF Background



This preview shows how black text looks on a background with the Hex color 80B1FF.



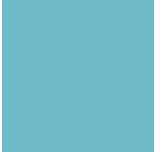
This preview shows how white text looks on a background with the Hex color 80B1FF.

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](#).

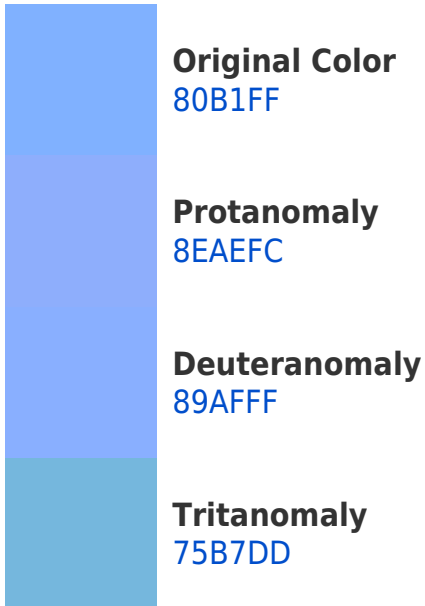
Dichromacy



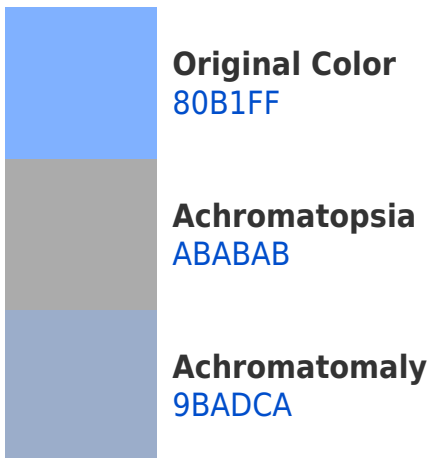


Tritanopia
6FBBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80B1FF 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 #80B1FF looks like.

```
.text, #text, p{  
    color:#80B1FF  
}
```

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 #80B1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80B1FF
}
```

Border

The CSS property to change the border of an element to Hex 80B1FF 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
#80B1FF }
```

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

```
.border{ border-color:#80B1FF }
```

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

Here you see how a box with a 4 pixel #80B1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80B1FF; -webkit-box-shadow:4px 4px  
4px 4px #80B1FF; box-shadow:4px 4px 4px  
4px #80B1FF }
```

Background

The CSS property to change the background color of an element to Hex 80B1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80B1FF }
```

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

```
.background{ background-color:#80B1FF }
```

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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