

Converting Colors

Hex(80FFB0)

Have a look what the booklet for
Hex(80FFB0) contains.

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Color

Hex(80FFB0)

Conversions

Conversions Part 1

Format	Color
Hex	80FFB0
RGB	128, 255, 176
RGB Percent	50%, 100%, 69%
CMY	0.4980, 0.0000, 0.3098
CMYK	0.50, 0.00, 0.31, 0.00
HSL	143°, 100%, 75%
HSV	143°, 50%, 100%
XYZ	52.4986, 79.2438, 53.6029
YIQ	208.0210, -50.3330, -51.4930

Conversions

Conversions Part 2

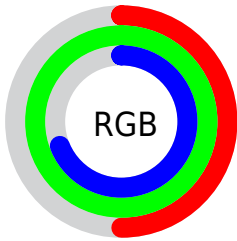
Format	Color
RYB	128, 220, 255
Decimal	8454064
CIELab	91.34, -52.45, 27.16
CIElCh	91, 59.063, 152.627
Yxy	79.2438, 0.2832, 0.4275
Android (android.graphics.Color)	4286644144 (0xFF80FFB0)
YUV	208.0210, -15.7864, -70.1784
Hunter-Lab	89.0190, -50.5136, 26.6117

Details

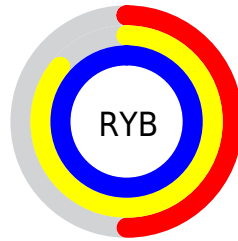
The Hex color **80FFB0** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FF80CF**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **BBFFE8**, and **42C57B** is the 20% darker color. If you saturate the color by 10%, you get **67FFA0**, and if you desaturate by 10%, it is **9AFFC0**.

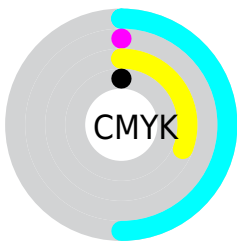
Distribution



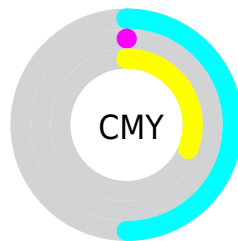
- Red (50%)
- Green (100%)
- Blue (69%)



- Red (50%)
- Yellow (86%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 80FFB0 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 80FFB0 by changing the saturation by 10% instead.

 80FFB0

 80FFB0

FFFFFF

 62E295

 BBFFE8

 42C57B

 D9FFFF

 18AA62

 F7FFFF

 008E49

 007432

 005A1B

 004103

 002B00

 000900

 80FFB0

 80FFB0

 67FFA0

 9AFFC0

 4DFF90

 B3FFD0

 33FF80

 CDFFE0

 1AFF71

 E6FFE0

 00FF61

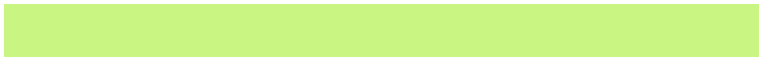
FFFFFF

 00FF60

Harmonies

Analogous

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



C9F583



80FFB0



00FFEA

Triad

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



80FFB0



90EAFB



FFBEAC

Complementary

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



80FFB0



FF80CF

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.



FFB7E3



80FFB0



F1D5FF

Square

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



80FFB0



00FAFF



FFC1FF



FFD082

Rectangle

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



80FFB0



00FFFF



FFC1FF



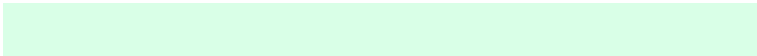
FFBABE

Sweetspot

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



80FFB0



D9FFE7



D0FF80



698071



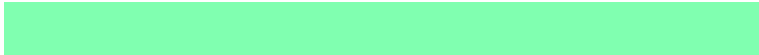
000000



808080

Same Dimension

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



80FFB0



66FFA0



80FFEE



738078



00BF48



004018

Inverse Universe

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



FF80CF



FF66C5



FF8091



80737B



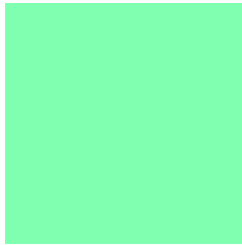
BF0077



400028

Previews

White Background



This preview shows how the Hex color 80FFB0 looks on a white background.

Color Contrast Check

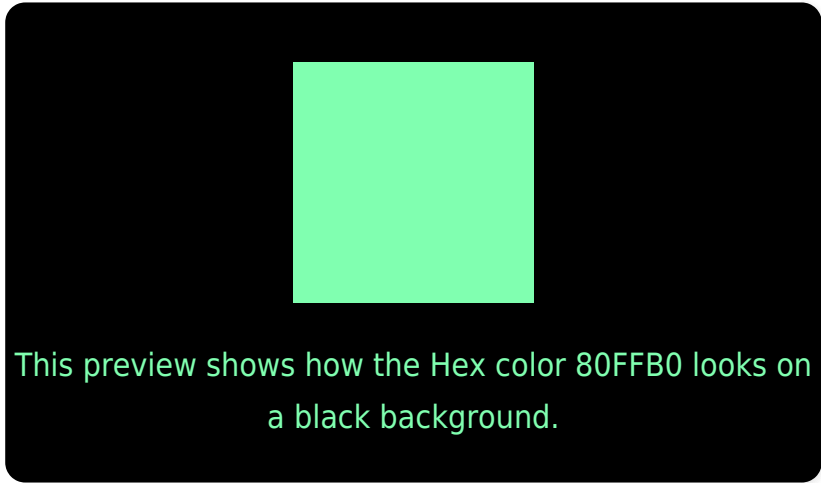
Large Text (above 18pt) WCAG AA × Fail

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

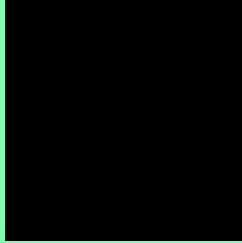
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

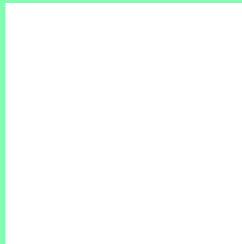
Any Text WCAG AAA ✓ Pass

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

Hex 80FFB0 Background



This preview shows how black text looks on a background with the Hex color 80FFB0.

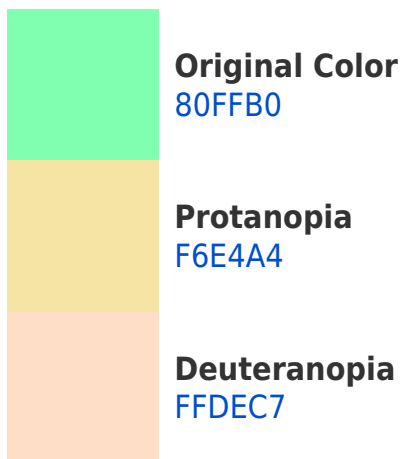


This preview shows how white text looks on a background with the Hex color 80FFB0.

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](#).

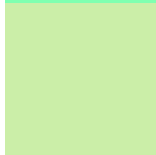
Dichromacy



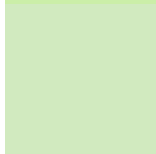
Trichromacy



Original Color
80FFB0



Protanomaly
CBEEA8

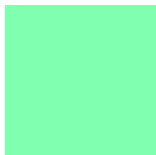


Deuteranomaly
D1EABF



Tritanomaly
9EF5E2

Monochromacy



Original Color
80FFB0



Achromatopsia
D0D0D0



Achromatomaly
B3E1C4

CSS Examples

Text

The CSS property to change the color of the text to Hex 80FFB0 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 #80FFB0 looks like.

```
.text, #text, p{  
    color:#80FFB0  
}
```

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 #80FFB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80FFB0
}
```

Border

The CSS property to change the border of an element to Hex 80FFB0 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
#80FFB0 }
```

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

```
.border{ border-color:#80FFB0 }
```

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

Here you see how a box with a 4 pixel #80FFB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80FFB0; -webkit-box-shadow:4px 4px  
4px 4px #80FFB0; box-shadow:4px 4px 4px  
4px #80FFB0 }
```

Background

The CSS property to change the background color of an element to Hex 80FFB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80FFB0 }
```

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

```
.background{ background-color:#80FFB0 }
```

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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