

Converting Colors

Hex(80BFB8)

Have a look what the booklet for
Hex(80BFB8) contains.

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Color

Hex(80BFB8)

Conversions

Conversions Part 1

Format	Color
Hex	80BFB8
RGB	128, 191, 184
RGB Percent	50%, 75%, 72%
CMY	0.4980, 0.2510, 0.2784
CMYK	0.33, 0.00, 0.04, 0.25
HSL	173°, 33%, 63%
HSV	173°, 33%, 75%
XYZ	36.1846, 45.3115, 52.1863
YIQ	171.3650, -35.3010, -15.5330

Conversions

Conversions Part 2

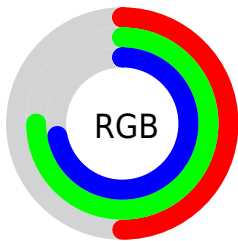
Format	Color
RYB	128, 161, 191
Decimal	8437688
CIELab	73.10, -21.66, -2.90
CIELCh	73, 21.850, 187.634
Yxy	45.3115, 0.2707, 0.3389
Android (android.graphics.Color)	4286627768 (0xFF80BFB8)
YUV	171.3650, 6.2291, -38.0311
Hunter-Lab	67.3138, -21.8463, 1.1540

Details

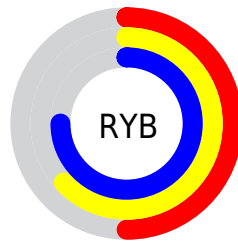
The Hex color **80BFB8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BF8087**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **B7F8F0**, and **4B8983** is the 20% darker color. If you saturate the color by 10%, you get **6DBFB6**, and if you desaturate by 10%, it is **93BFBA**.

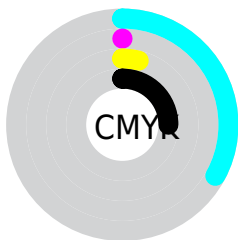
Distribution



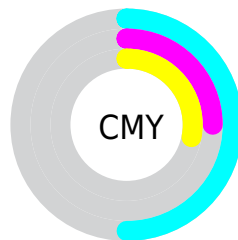
- Red (50%)
- Green (75%)
- Blue (72%)



- Red (50%)
- Yellow (63%)
- Blue (75%)



- Cyan (33%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)



- Cyan (50%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80BFB8 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 80BFB8 by changing the saturation by 10% instead.



80BFB8



80BFB8

FFFFFF



65A49D



B7F8F0



4B8983



D3FFFF



31706A



F0FFFF



145752



003F3B



002925



001310



000000



80BFB8



80BFB8

 6DBFB6

 93BFBA

 5ABFB4

 A6BFBC

 47BFB2

 B9BFBE

 34BFB0

 CCBFC0

 21BFAD

 E0BFC3

 0DBFAB

 F3BFC5

 00BFAA

 FFBFC7

 FFBFC9

 FFBFCB

Harmonies

Analogous

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



91BEA4



80BFB8



7CBECB

Triad

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



80BFB8



BDADD3



D0AD8F

Complementary

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



80BFB8



BF8087

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.



DBA89C



80BFB8



D2A7C3

Square

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



80BFB8



A3B3DB



DCA5AF



BDB48C

Rectangle

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



80BFB8



84BBD5



DCA5AF



D5AB92

Sweetspot

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



80BFB8



DFF7F5



87BF80



6E7D7B



FCFCFC



7D7D7D

Same Dimension

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



80BFB8



94F7EC



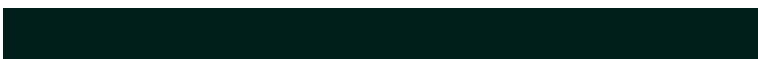
80A7BF



555E5D



009E8D



001F1B

Inverse Universe

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



BF8087



F7949F



BF9880



5E5556



9E0012



1F0003

Previews

White Background



This preview shows how the Hex color 80BFB8 looks on a white background.

Color Contrast Check

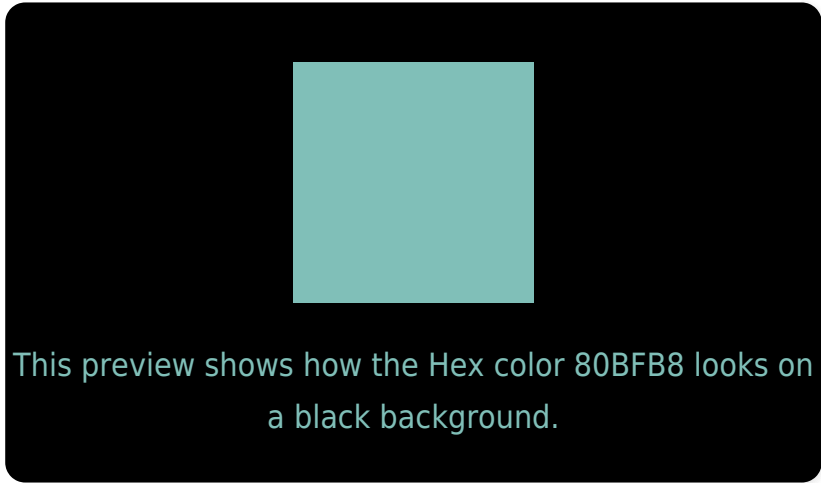
Large Text (above 18pt) WCAG AA × Fail

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

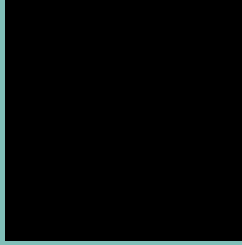
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

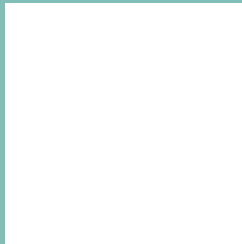
Any Text WCAG AAA ✓ Pass

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

Hex 80BFB8 Background



This preview shows how black text looks on a background with the Hex color 80BFB8.

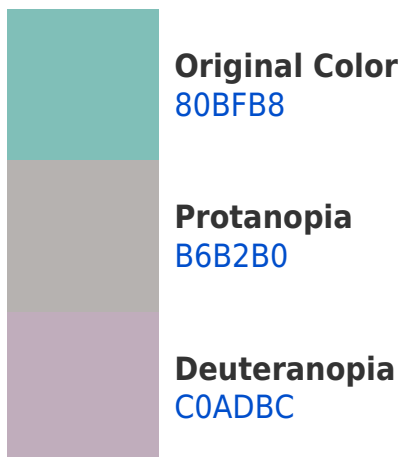


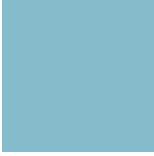
This preview shows how white text looks on a background with the Hex color 80BFB8.

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](#).

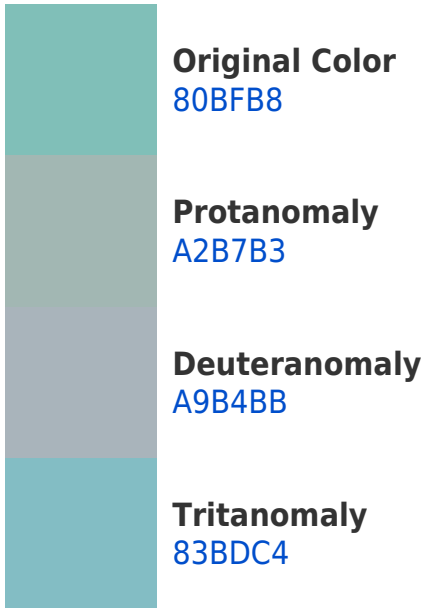
Dichromacy



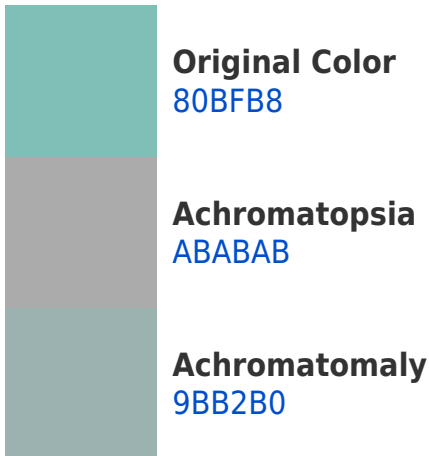


Tritanopia
85BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80BFB8 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 #80BFB8 looks like.

```
.text, #text, p{  
    color:#80BFB8  
}
```

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 #80BFB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80BFB8  
}
```

Border

The CSS property to change the border of an element to Hex 80BFB8 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  
#80BFB8 }
```

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

```
.border{ border-color:#80BFB8 }
```

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

Here you see how a box with a 4 pixel #80BFB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80BFB8; -webkit-box-shadow:4px 4px  
4px 4px #80BFB8; box-shadow:4px 4px 4px  
4px #80BFB8 }
```

Background

The CSS property to change the background color of an element to Hex 80BFB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80BFB8 }
```

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

```
.background{ background-color:#80BFB8 }
```

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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