

Converting Colors

Hex(80B3CB)

Have a look what the booklet for
Hex(80B3CB) contains.

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Color

Hex(80B3CB)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 80B3CB |
| RGB | 128, 179, 203 |
| RGB Percent | 50%, 70%, 80% |
| CMY | 0.4980, 0.2980, 0.2039 |
| CMYK | 0.37, 0.12, 0.00, 0.20 |
| HSL | 199°, 42%, 65% |
| HSV | 199°, 37%, 80% |
| XYZ | 35.8017, 41.1412, 62.5540 |
| YIQ | 166.4870, -38.1000, -3.3480 |

Conversions

Conversions Part 2

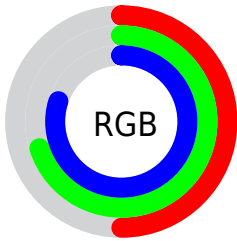
| Format | Color |
|-------------------------------------|---|
| RYB | 128, 158, 203 |
| Decimal | 8434635 |
| CIELab | 70.27, -10.78, -17.51 |
| CIELCh | 70, 20.563, 238.396 |
| Yxy | 41.1412, 0.2566, 0.2949 |
| Android (android.graphics.Color) | 4286624715 (0xFF80B3CB) |
| YUV | 166.4870, 18.0009, -33.7531 |
| Hunter-Lab | 64.1414, -12.6145, -12.9237 |

Details

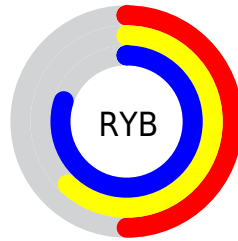
The Hex color **80B3CB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CB9880**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **B7EBFF**, and **4B7E95** is the 20% darker color. If you saturate the color by 10%, you get **6CADCB**, and if you desaturate by 10%, it is **94B9CB**.

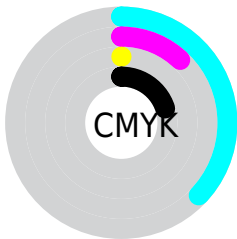
Distribution



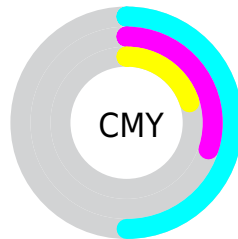
- Red (50%)
- Green (70%)
- Blue (80%)



- Red (50%)
- Yellow (62%)
- Blue (80%)



- Cyan (37%)
- Magenta (12%)
- Yellow (0%)
- Black (20%)



- Cyan (50%)
- Magenta (30%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80B3CB 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 80B3CB by changing the saturation by 10% instead.

 80B3CB

FFFFFF

 B7EBFF

 D4FFFF

 F1FFFF

 80B3CB

 6598B0

 4B7E95

 30657B

 114D62

 00364A

 002134

 00041F

 000002

 000000

 80B3CB

 80B3CB

 6CADCB

 94B9CB

 57A6CB

 A9C0CB

 43A0CB

 BDC6CB

 2F99CB

 D1CDCB

 1B93CB

 E6D3CB

 068CCB

 FADACB

 008ACB

 FFE0CB

 FFE7CB

 FFEDCB

Harmonies

Analogous

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



78B6BD



80B3CB



95AED1

Triad

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



80B3CB



D09FAE



A7B08B

Complementary

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



80B3CB



CB9880

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.



BBA87



80B3CB



D2A09B

Square

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



80B3CB



C3A2C0



CBA48D



92B498

Rectangle

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



80B3CB



A6AACF



CBA48D



AEAE88

Sweetspot

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



80B3CB



E3F6FF



80CB98



6F7A80



000000



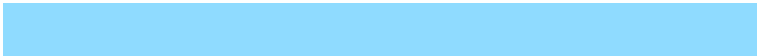
808080

Same Dimension

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



80B3CB



8FDBFF



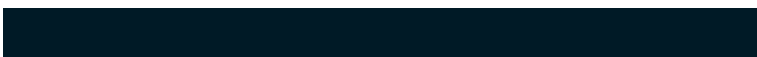
808ECB



5C6366



0071A6



001A26

Inverse Universe

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



CB80B3



FF8FDB



CBBD80



665C63



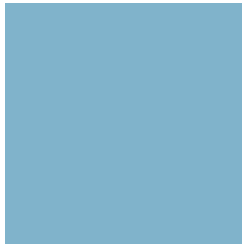
A60071



26001A

Previews

White Background



This preview shows how the Hex color 80B3CB looks on a white background.

Color Contrast Check

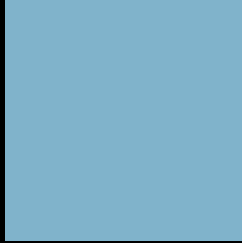
Large Text (above 18pt) WCAG AA × Fail

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 80B3CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

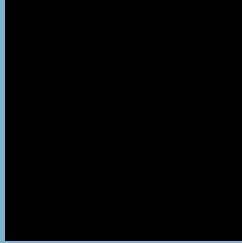
Any Text WCAG AA ✓ Pass

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 80B3CB Background



This preview shows how black text looks on a background with the Hex color 80B3CB.

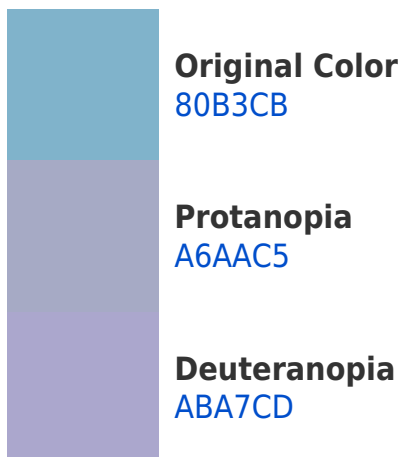


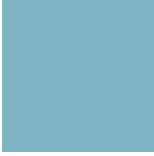
This preview shows how white text looks on a background with the Hex color 80B3CB.

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](#).

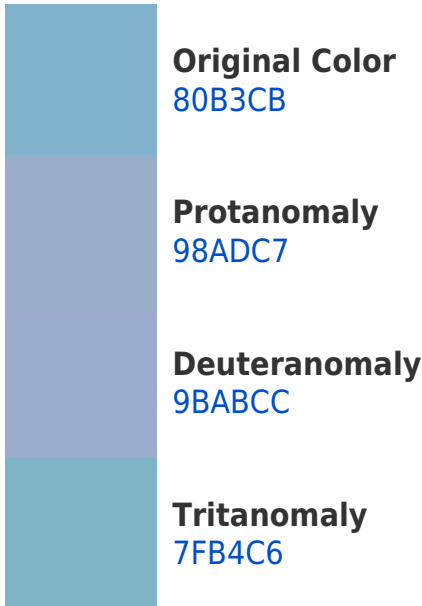
Dichromacy



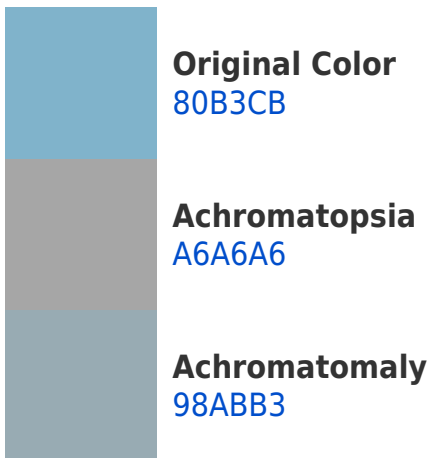


Tritanopia
7EB4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80B3CB 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 #80B3CB looks like.

```
.text, #text, p{  
    color:#80B3CB  
}
```

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 #80B3CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80B3CB
}
```

Border

The CSS property to change the border of an element to Hex 80B3CB 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
#80B3CB }
```

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

```
.border{ border-color:#80B3CB }
```

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

Here you see how a box with a 4 pixel #80B3CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80B3CB; -webkit-box-shadow:4px 4px  
4px 4px #80B3CB; box-shadow:4px 4px 4px  
4px #80B3CB }
```

Background

The CSS property to change the background color of an element to Hex 80B3CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80B3CB }
```

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

```
.background{ background-color:#80B3CB }
```

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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