

Converting Colors

Hex(80B0B7)

Have a look what the booklet for
Hex(80B0B7) contains.

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Color

Hex(80B0B7)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 80B0B7 |
| RGB | 128, 176, 183 |
| RGB Percent | 50%, 69%, 72% |
| CMY | 0.4980, 0.3098, 0.2824 |
| CMYK | 0.30, 0.04, 0.00, 0.28 |
| HSL | 188°, 28%, 61% |
| HSV | 188°, 30%, 72% |
| XYZ | 32.9747, 39.0588, 50.6009 |
| YIQ | 162.4460, -30.8550, -7.9990 |

Conversions

Conversions Part 2

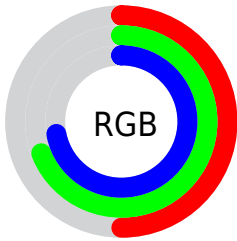
| Format | Color |
|-------------------------------------|--|
| RYB | 128, 154, 183 |
| Decimal | 8433847 |
| CIELab | 68.79, -14.16, -8.72 |
| CIElCh | 69, 16.628, 211.627 |
| Yxy | 39.0588, 0.2689, 0.3185 |
| Android (android.graphics.Color) | 4286623927 (0xFF80B0B7) |
| YUV | 162.4460, 10.1331, -30.2091 |
| Hunter-Lab | 62.4970, -15.1896, -4.2564 |

Details

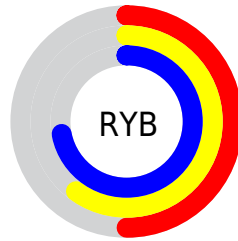
The Hex color **80B0B7** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B78780**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **B6E8EF**, and **4C7B82** is the 20% darker color. If you saturate the color by 10%, you get **6EAEB7**, and if you desaturate by 10%, it is **92B2B7**.

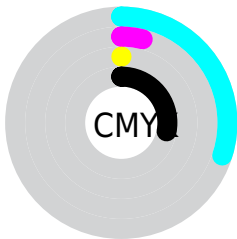
Distribution



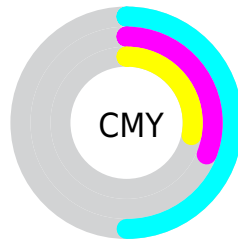
- Red (50%)
- Green (69%)
- Blue (72%)



- Red (50%)
- Yellow (60%)
- Blue (72%)



- Cyan (30%)
- Magenta (4%)
- Yellow (0%)
- Black (28%)



- Cyan (50%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80B0B7 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 80B0B7 by changing the saturation by 10% instead.



80B0B7



80B0B7

FFFFFF



66959C



B6E8EF



4C7B82



D2FFFF



336269



EFFFFFF



194A51



00343A



001F24



00010F



000000



80B0B7



80B0B7

6EAEB7

92B2B7

5BABB7

A5B5B7

49A9B7

B7B7B7

37A7B7

C9B9B7

24A4B7

DBBCB7

12A2B7

EEEB7

00A0B7

FFC0B7

FFC3B7

FFC5B7

Harmonies

Analogous

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



84B1A8



80B0B7



87ADC2

Triad

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



80B0B7



BC9FB6



B3A78A

Complementary

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



80B0B7



B78780

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.



C0A28E



80B0B7



C69DA8

Square

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



80B0B7



ACA4C1



C79E99



A2AC8E

Rectangle

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



80B0B7



92AAC5



C79E99



B8A58A

Sweetspot

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



80B0B7



D8EAED



80B786



6B7678



F7F7F7



787878

Same Dimension

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



80B0B7



98E2ED



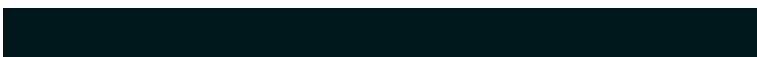
8095B7



535B5C



00889C



00181C

Inverse Universe

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



B780B0



ED98E2



B7A280



5C535B



9C0088



1C0018

Previews

White Background



This preview shows how the Hex color 80B0B7 looks on a white background.

Color Contrast Check

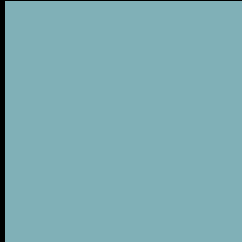
Large Text (above 18pt) WCAG AA × Fail

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 80B0B7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

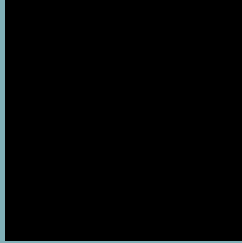
Any Text WCAG AA ✓ Pass

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 80B0B7 Background



This preview shows how black text looks on a background with the Hex color 80B0B7.

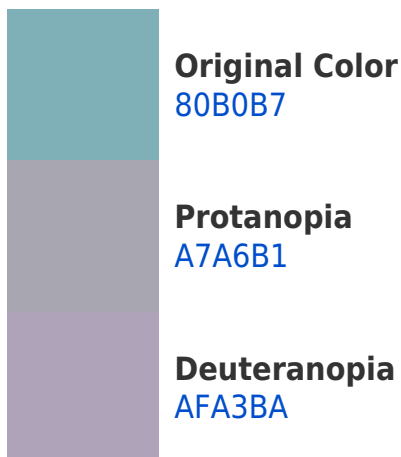


This preview shows how white text looks on a background with the Hex color 80B0B7.

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](#).

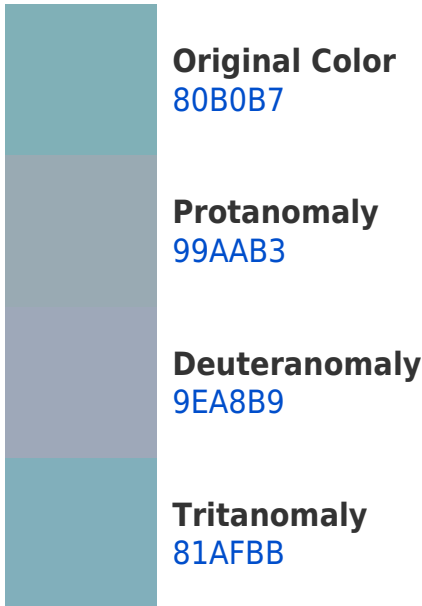
Dichromacy



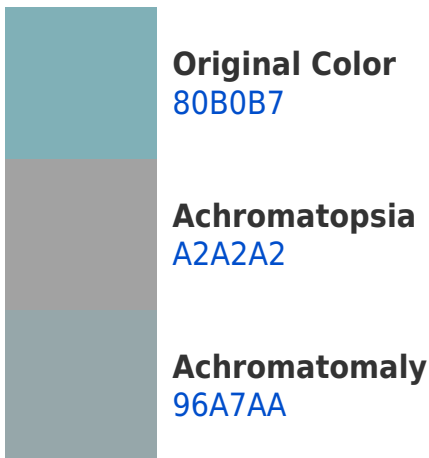


Tritanopia
81AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80B0B7 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 #80B0B7 looks like.

```
.text, #text, p{  
    color:#80B0B7  
}
```

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 #80B0B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80B0B7
}
```

Border

The CSS property to change the border of an element to Hex 80B0B7 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
#80B0B7 }
```

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

```
.border{ border-color:#80B0B7 }
```

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

Here you see how a box with a 4 pixel #80B0B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80B0B7; -webkit-box-shadow:4px 4px  
4px 4px #80B0B7; box-shadow:4px 4px 4px  
4px #80B0B7 }
```

Background

The CSS property to change the background color of an element to Hex 80B0B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80B0B7 }
```

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

```
.background{ background-color:#80B0B7 }
```

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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