

Converting Colors

Hex(80B1B8)

Have a look what the booklet for
Hex(80B1B8) contains.

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Color

Hex(80B1B8)

Conversions

Conversions Part 1

Format	Color
Hex	80B1B8
RGB	128, 177, 184
RGB Percent	50%, 69%, 72%
CMY	0.4980, 0.3059, 0.2784
CMYK	0.30, 0.04, 0.00, 0.28
HSL	188°, 28%, 61%
HSV	188°, 30%, 72%
XYZ	33.2760, 39.4942, 51.2167
YIQ	163.1470, -31.4510, -8.2110

Conversions

Conversions Part 2

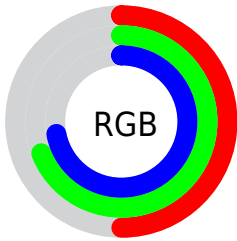
Format	Color
RYB	128, 154, 184
Decimal	8434104
CIELab	69.11, -14.45, -8.80
CIELCh	69, 16.917, 211.362
Yxy	39.4942, 0.2684, 0.3185
Android (android.graphics.Color)	4286624184 (0xFF80B1B8)
YUV	163.1470, 10.2805, -30.8239
Hunter-Lab	62.8444, -15.4623, -4.3289

Details

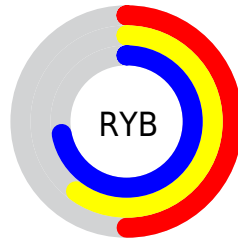
The Hex color **80B1B8** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B88780**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B6E9F0**, and **4C7C83** is the 20% darker color. If you saturate the color by 10%, you get **6EAFB8**, and if you desaturate by 10%, it is **92B3B8**.

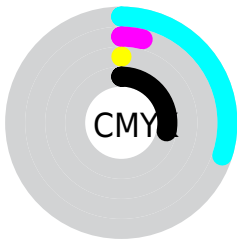
Distribution



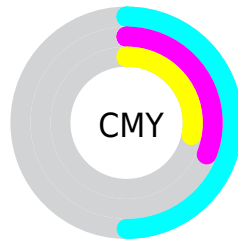
- Red (50%)
- Green (69%)
- Blue (72%)



- 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 80B1B8 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 80B1B8 by changing the saturation by 10% instead.

 80B1B8

 80B1B8

FFFFFF

 66969D

 B6E9F0

 4C7C83

 D3FFFF

 33636A

 EFFFFFF

 184B52

 00353B

 001F25

 000110

 000000

 80B1B8

 80B1B8

6EAFB8

92B3B8

5BACB8

A5B6B8

49AAB8

B7B8B8

36A8B8

CABAB8

24A5B8

DCBCB8

12A3B8

EEFB8

00A1B8

FFC1B8

FFC3B8

FFC6B8

Harmonies

Analogous

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



84B2A9



80B1B8



87AEC3

Triad

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



80B1B8



BDA0B8



B4A88A

Complementary

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



80B1B8



B88780

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.



C1A38E



80B1B8



C79EA9

Square

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



80B1B8



ACA5C3



C89F99



A3AD8E

Rectangle

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



80B1B8



92ABC7



C89F99



B9A68B

Sweetspot

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



80B1B8



DAEDF0



80B887



6B7678



F7F7F7



787878

Same Dimension

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



80B1B8



97E5F0



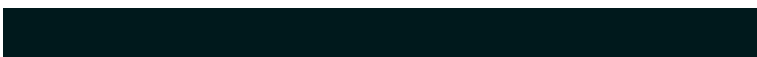
8095B8



535B5C



00889C



00191C

Inverse Universe

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



B880B1



F097E5



B8A380



5C535B



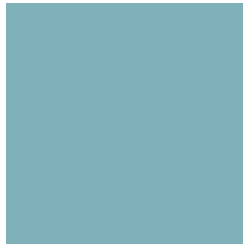
9C0088



1C0019

Previews

White Background



This preview shows how the Hex color 80B1B8 looks on a white background.

Color Contrast Check

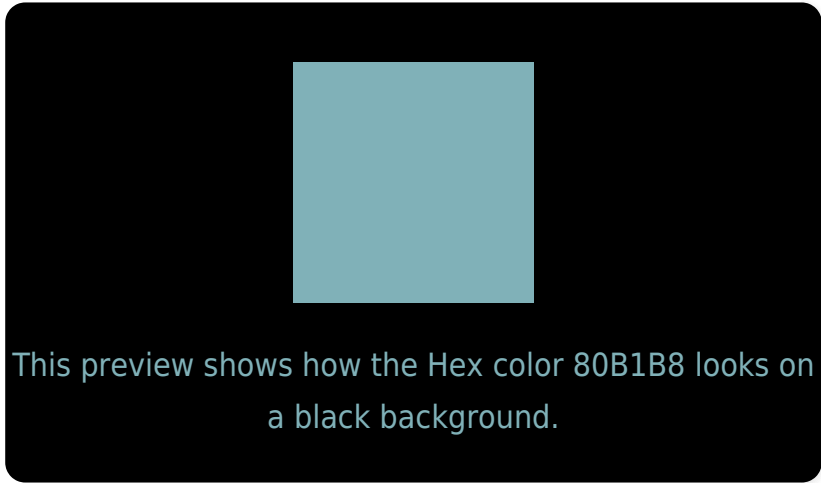
Large Text (above 18pt) WCAG AA × Fail

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

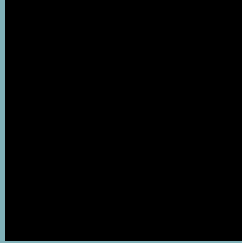
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

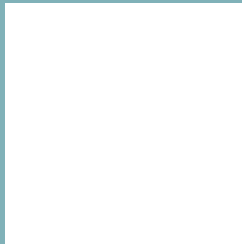
Any Text WCAG AAA ✓ Pass

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

Hex 80B1B8 Background



This preview shows how black text looks on a background with the Hex color 80B1B8.

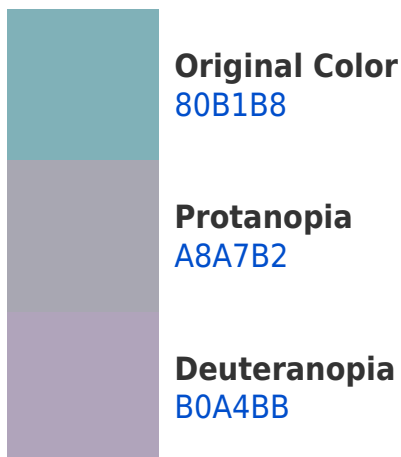


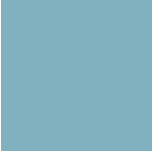
This preview shows how white text looks on a background with the Hex color 80B1B8.

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](#).

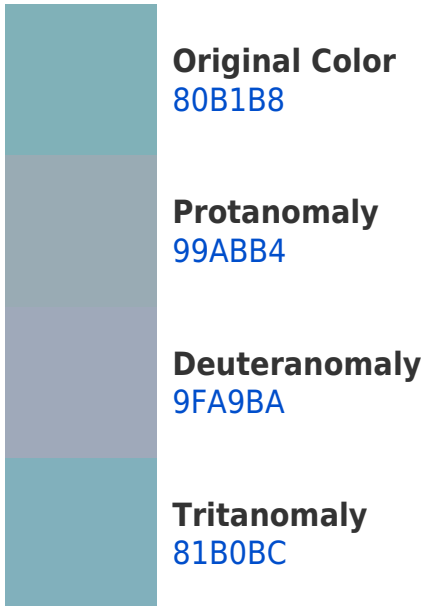
Dichromacy



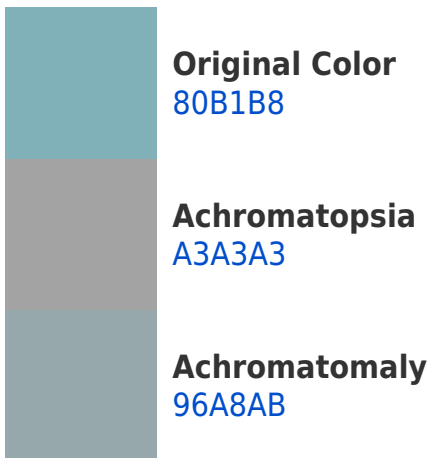


Tritanopia
81B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80B1B8 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 #80B1B8 looks like.

```
.text, #text, p{  
    color:#80B1B8  
}
```

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 #80B1B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80B1B8
}
```

Border

The CSS property to change the border of an element to Hex 80B1B8 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
#80B1B8 }
```

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

```
.border{ border-color:#80B1B8 }
```

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

Here you see how a box with a 4 pixel #80B1B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80B1B8; -webkit-box-shadow:4px 4px  
4px 4px #80B1B8; box-shadow:4px 4px 4px  
4px #80B1B8 }
```

Background

The CSS property to change the background color of an element to Hex 80B1B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80B1B8 }
```

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

```
.background{ background-color:#80B1B8 }
```

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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