

# Converting Colors

Hex(82B1B7)

Have a look what the booklet for  
Hex(82B1B7) contains.

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# **Color**

**Hex(82B1B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82B1B7
RGB	130, 177, 183
RGB Percent	51%, 69%, 72%
CMY	0.4902, 0.3059, 0.2824
CMYK	0.29, 0.03, 0.00, 0.28
HSL	187°, 27%, 61%
HSV	187°, 29%, 72%
XYZ	33.4753, 39.6090, 50.6807
YIQ	163.6310, -29.9380, -8.0980

# Conversions

## Conversions Part 2

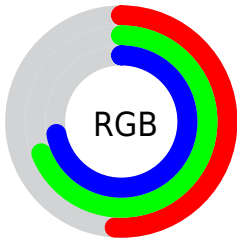
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 155, 183
Decimal	8565175
CIELab	69.19, -14.10, -8.12
CIElCh	69, 16.268, 209.934
Yxy	39.6090, 0.2705, 0.3200
Android (android.graphics.Color)	4286755255 (0xFF82B1B7)
YUV	163.6310, 9.5489, -29.4944
Hunter-Lab	62.9357, -15.1938, -3.6899

# Details

The Hex color **82B1B7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B78882**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **B8E9EF**, and **4E7C82** is the 20% darker color. If you saturate the color by 10%, you get **70AFB7**, and if you desaturate by 10%, it is **94B3B7**.

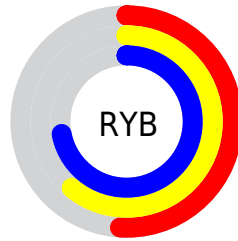
# Distribution



Red (51%)

Green (69%)

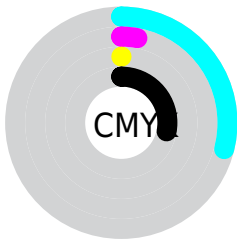
Blue (72%)



Red (51%)

Yellow (61%)

Blue (72%)

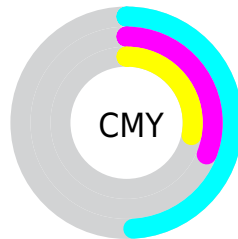


Cyan (29%)

Magenta (3%)

Yellow (0%)

Black (28%)



Cyan (49%)

Magenta (31%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82B1B7 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 82B1B7 by changing the saturation by 10% instead.





82B1B7



82B1B7

FFFFFF



68969C



B8E9EF



4E7C82



D4FFFF



356369



F1FFFF



1B4B51



00353A



001F24



00010F



000000



82B1B7



82B1B7

70AFB7

94B3B7

5DADB7

A7B5B7

4BABB7

B9B7B7

39A9B7

CBB9B7

27A7B7

DDBBB7

14A5B7

F0BDB7

02A2B7

FFC0B7

00A2B7

FFC2B7

FFC4B7

# Harmonies

## Analogous

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



87B2A8



82B1B7



89AEC2

# Triad

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



82B1B7



BCA1B8



B5A88C

# Complementary

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



82B1B7



B78882

# 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.



C1A390



82B1B7



C69FA9

# Square

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



82B1B7



ACA5C2



C8A09B



A4AC8F

# Rectangle

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



82B1B7



93ACC6



C8A09B



B9A68C



# Sweetspot

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



82B1B7



D8EBED



82B787



6B7678



F7F7F7



787878



# Same Dimension

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



82B1B7



9AE4ED



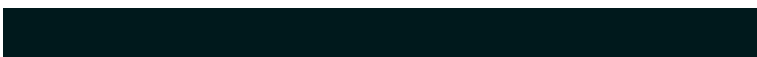
8297B7



535B5C



008A9C



00191C



# Inverse Universe

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



B782B1



ED9AE4



B7A282



5C535B



9C008A

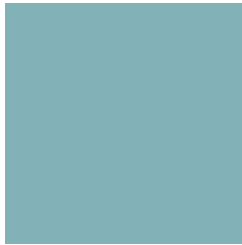


1C0019



# Previews

## White Background



This preview shows how the Hex color 82B1B7 looks on a white background.

## Color Contrast Check

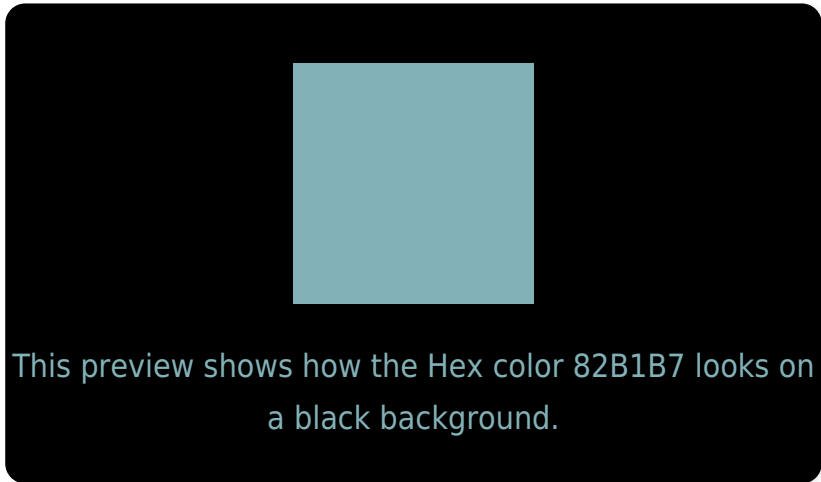
Large Text (above 18pt) WCAG AA × Fail

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

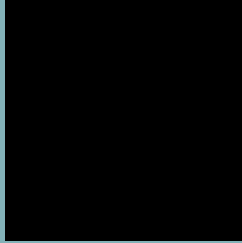
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

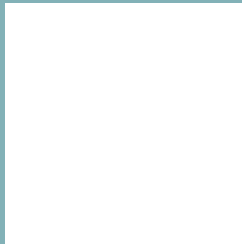
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 82B1B7 Background



This preview shows how black text looks on a background with the Hex color 82B1B7.

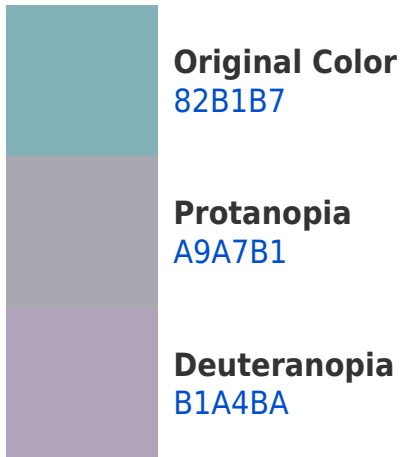


This preview shows how white text looks on a background with the Hex color 82B1B7.

# 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](#).

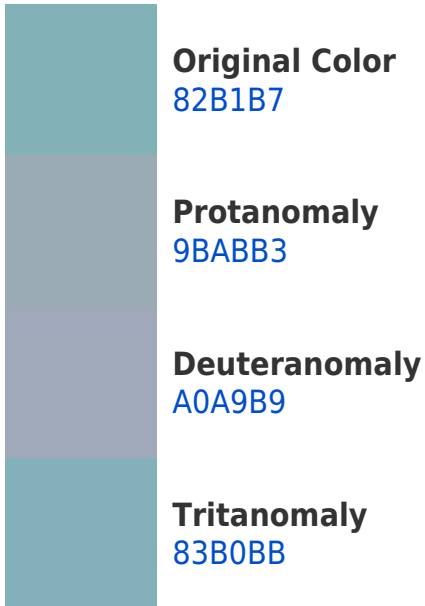
## Dichromacy



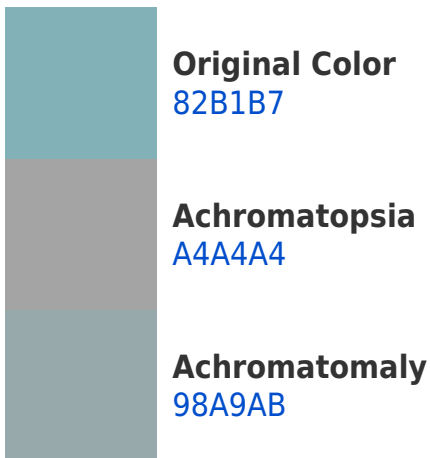


**Tritanopia**  
84B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82B1B7 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 #82B1B7 looks like.

```
.text, #text, p{  
    color:#82B1B7  
}
```

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 #82B1B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82B1B7
}
```

## Border

The CSS property to change the border of an element to Hex 82B1B7 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
#82B1B7 }
```

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

```
.border{ border-color:#82B1B7 }
```

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

Here you see how a box with a 4 pixel #82B1B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82B1B7; -webkit-box-shadow:4px 4px  
4px 4px #82B1B7; box-shadow:4px 4px 4px  
4px #82B1B7 }
```

# Background

The CSS property to change the background color of an element to Hex 82B1B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82B1B7 }
```

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

```
.background{ background-color:#82B1B7 }
```

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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