

Converting Colors

Hex(82B1B3)

Have a look what the booklet for
Hex(82B1B3) contains.

Hex(82B1B3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(82B1B3)

Conversions

Conversions Part 1

Format	Color
Hex	82B1B3
RGB	130, 177, 179
RGB Percent	51%, 69%, 70%
CMY	0.4902, 0.3059, 0.2980
CMYK	0.27, 0.01, 0.00, 0.30
HSL	182°, 24%, 61%
HSV	182°, 27%, 70%
XYZ	33.0647, 39.4448, 48.5187
YIQ	163.1750, -28.6540, -9.3420

Conversions

Conversions Part 2

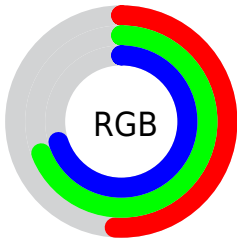
Format	Color
RYB	130, 154, 179
Decimal	8565171
CIELab	69.07, -15.04, -6.08
CIELCh	69, 16.224, 202.028
Yxy	39.4448, 0.2732, 0.3259
Android (android.graphics.Color)	4286755251 (0xFF82B1B3)
YUV	163.1750, 7.8017, -29.0945
Hunter-Lab	62.8051, -15.9347, -1.8397

Details

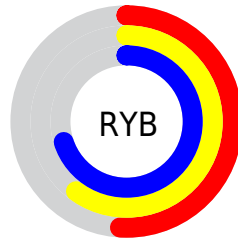
The Hex color **82B1B3** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B38482**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B8E9EB**, and **4F7C7E** is the 20% darker color. If you saturate the color by 10%, you get **70B0B3**, and if you desaturate by 10%, it is **94B2B3**.

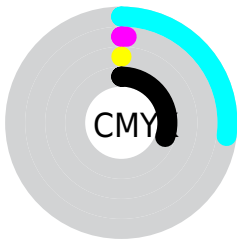
Distribution



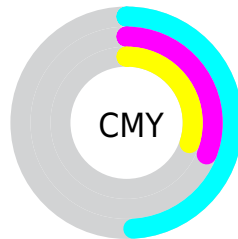
- Red (51%)
- Green (69%)
- Blue (70%)



- Red (51%)
- Yellow (60%)
- Blue (70%)



- Cyan (27%)
- Magenta (1%)
- Yellow (0%)
- Black (30%)



- Cyan (49%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82B1B3 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 82B1B3 by changing the saturation by 10% instead.



82B1B3



82B1B3

FFFFFF



689698



B8E9EB



4F7C7E



D4FFFF



366365



F1FFFF



1C4B4D



003437



001F21



00000B



000000



82B1B3



82B1B3

70B0B3

94B2B3

5EB0B3

A6B2B3

4CAF83

B8B3B3

3AAEB3

CAB4B3

29ADB3

DBB5B3

17ADB3

EDB5B3

05ACB3

FFB6B3

00ACB3

FFB7B3

FFB8B3

Harmonies

Analogous

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



89B1A4



82B1B3



86AFBF

Triad

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



82B1B3



B8A2BB



B8A68C

Complementary

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



82B1B3



B38482

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.



C3A292



82B1B3



C49FAD

Square

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



82B1B3



A6A6C4



C89F9E



A9AB8D

Rectangle

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



82B1B3



8EADC4



C89F9E



BCA58D

Sweetspot

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



82B1B3



D5E7E8



82B384



6A7575



F5F5F5



757575

Same Dimension

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



82B1B3



9BE5E8



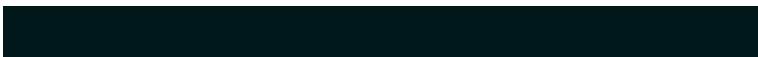
8299B3



505959



009399



00181A

Inverse Universe

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



B382B1



E89BE5



B39C82



595059



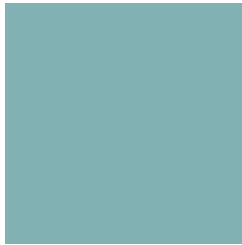
990093



1A0018

Previews

White Background



This preview shows how the Hex color 82B1B3 looks on a white background.

Color Contrast Check

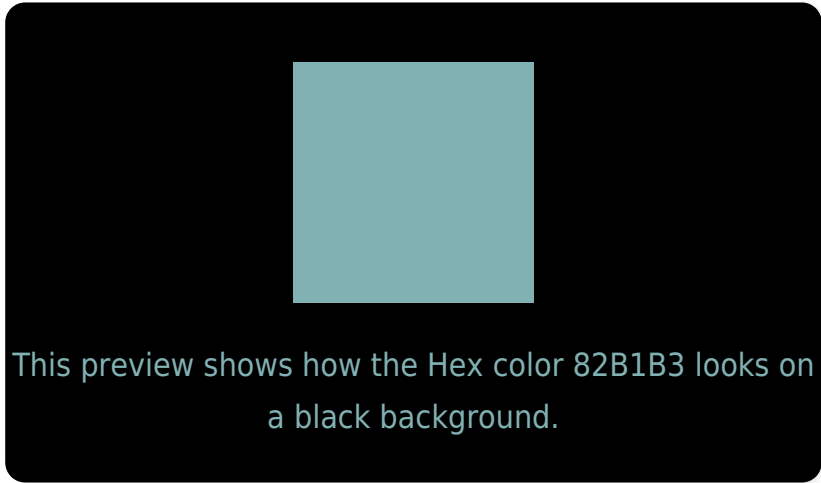
Large Text (above 18pt) WCAG AA × Fail

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

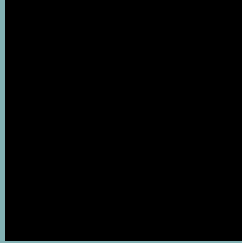
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

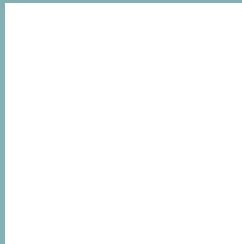
Any Text WCAG AAA ✓ Pass

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

Hex 82B1B3 Background



This preview shows how black text looks on a background with the Hex color 82B1B3.

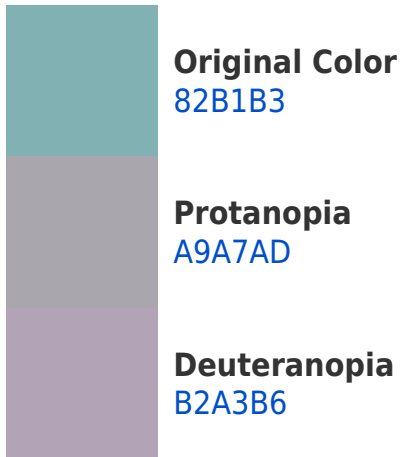


This preview shows how white text looks on a background with the Hex color 82B1B3.

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](#).

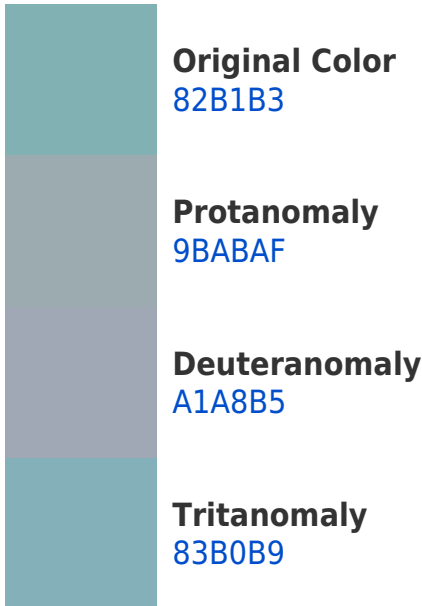
Dichromacy



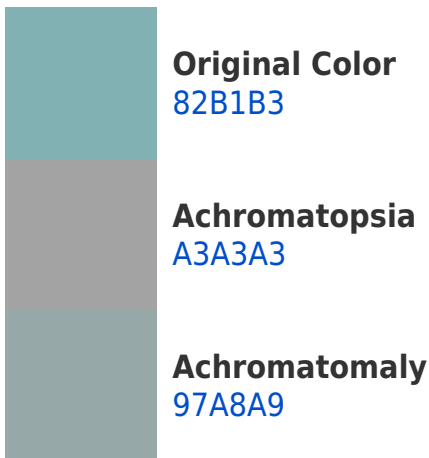


Tritanopia
84AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82B1B3 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 #82B1B3 looks like.

```
.text, #text, p{  
    color:#82B1B3  
}
```

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 #82B1B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82B1B3
}
```

Border

The CSS property to change the border of an element to Hex 82B1B3 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
#82B1B3 }
```

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

```
.border{ border-color:#82B1B3 }
```

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

Here you see how a box with a 4 pixel #82B1B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82B1B3; -webkit-box-shadow:4px 4px  
4px 4px #82B1B3; box-shadow:4px 4px 4px  
4px #82B1B3 }
```

Background

The CSS property to change the background color of an element to Hex 82B1B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82B1B3 }
```

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

```
.background{ background-color:#82B1B3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor