

Converting Colors

Hex(83B1B2)

Have a look what the booklet for
Hex(83B1B2) contains.

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Color

Hex(83B1B2)

Conversions

Conversions Part 1

Format	Color
Hex	83B1B2
RGB	131, 177, 178
RGB Percent	51%, 69%, 70%
CMY	0.4863, 0.3059, 0.3020
CMYK	0.26, 0.01, 0.00, 0.30
HSL	181°, 23%, 61%
HSV	181°, 26%, 70%
XYZ	33.1181, 39.4839, 47.9951
YIQ	163.3600, -27.7370, -9.4410

Conversions

Conversions Part 2

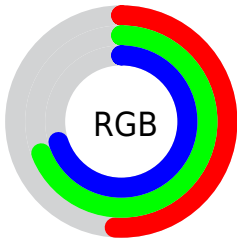
Format	Color
RYB	131, 154, 178
Decimal	8630706
CIELab	69.10, -14.97, -5.48
CIElCh	69, 15.945, 200.121
Yxy	39.4839, 0.2746, 0.3274
Android (android.graphics.Color)	4286820786 (0xFF83B1B2)
YUV	163.3600, 7.2175, -28.3797
Hunter-Lab	62.8362, -15.8843, -1.3011

Details

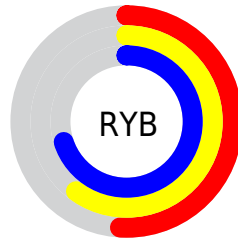
The Hex color **83B1B2** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B28483**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B9E9EA**, and **507C7D** is the 20% darker color. If you saturate the color by 10%, you get **71B1B2**, and if you desaturate by 10%, it is **95B1B2**.

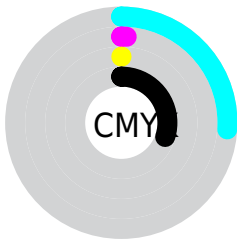
Distribution



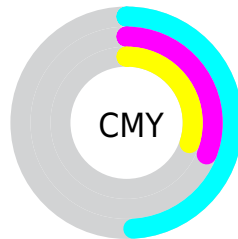
- Red (51%)
- Green (69%)
- Blue (70%)



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



- Cyan (26%)
- Magenta (1%)
- Yellow (0%)
- Black (30%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 83B1B2 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 83B1B2 by changing the saturation by 10% instead.



83B1B2



83B1B2

FFFFFF



699697



B9E9EA



507C7D



D5FFFF



376364



F2FFFF



1E4B4D



013436



001F21



00000A



000000



83B1B2



83B1B2

71B1B2

95B1B2

5FB0B2

A7B2B2

4EB0B2

B8B2B2

3CAFB2

CAB3B2

2AAFB2

DCB3B2

18AFB2

EEB3B2

06AEB2

FFB4B2

00AEB2

Harmonies

Analogous

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



8BB1A3



83B1B2



86AFBE

Triad

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



83B1B2



B7A2BB



B9A68D

Complementary

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



83B1B2



B28483

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.



C3A293



83B1B2



C39FAE

Square

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



83B1B2



A5A7C4



C79F9F



AAAB8E

Rectangle

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



83B1B2



8EADC3



C79F9F



BDA48E

Sweetspot

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



83B1B2



D5E8E8



83B284



6A7575



F5F5F5



757575

Same Dimension

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



83B1B2



9EE6E8



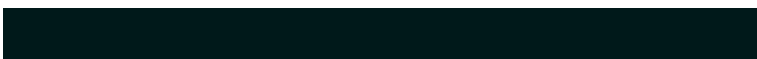
839AB2



505959



009699



00191A

Inverse Universe

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



B283B1



E89EE6



B29B83



595059



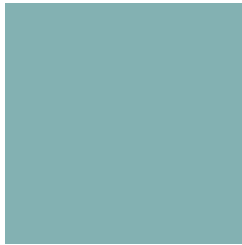
990096



1A0019

Previews

White Background



This preview shows how the Hex color 83B1B2 looks on a white background.

Color Contrast Check

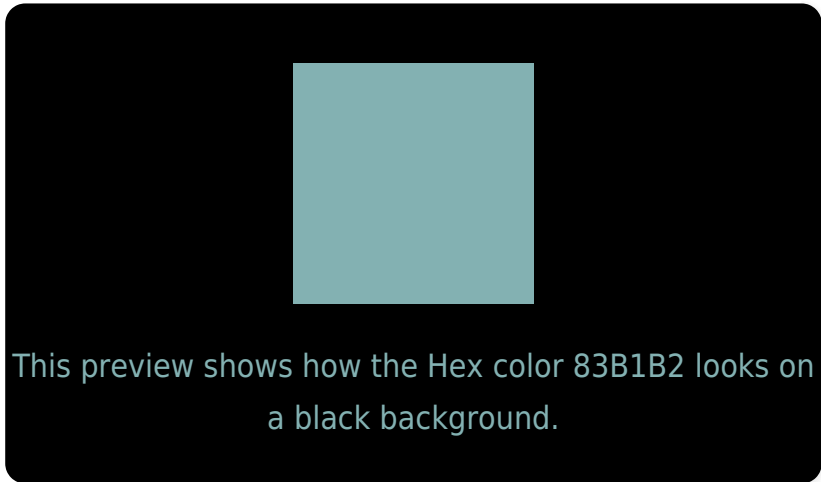
Large Text (above 18pt) WCAG AA × Fail

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

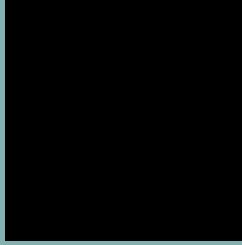
Any Text WCAG AA ✓ Pass

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 83B1B2 Background



This preview shows how black text looks on a background with the Hex color 83B1B2.

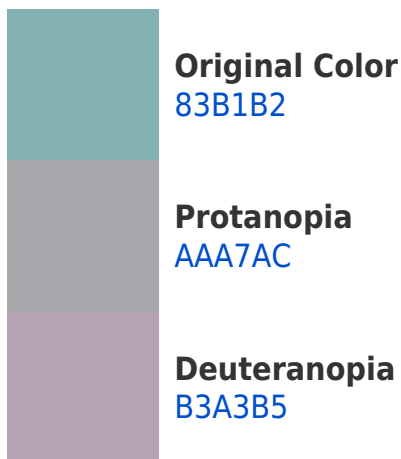


This preview shows how white text looks on a background with the Hex color 83B1B2.

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](#).

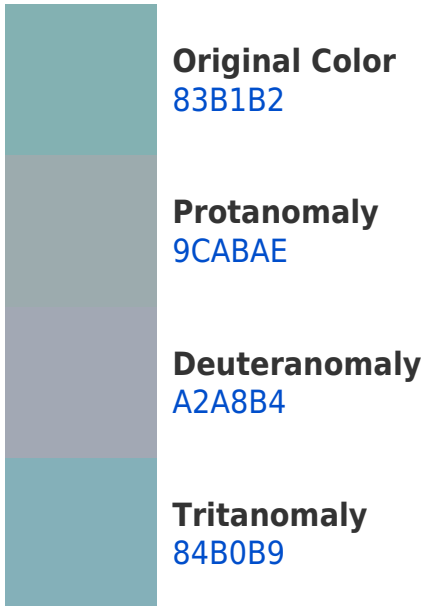
Dichromacy



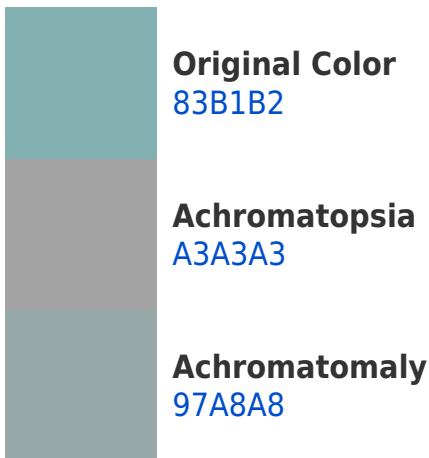


Tritanopia
85AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83B1B2 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 #83B1B2 looks like.

```
.text, #text, p{  
    color:#83B1B2  
}
```

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 #83B1B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83B1B2
}
```

Border

The CSS property to change the border of an element to Hex 83B1B2 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
#83B1B2 }
```

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

```
.border{ border-color:#83B1B2 }
```

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

Here you see how a box with a 4 pixel #83B1B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83B1B2; -webkit-box-shadow:4px 4px  
4px 4px #83B1B2; box-shadow:4px 4px 4px  
4px #83B1B2 }
```

Background

The CSS property to change the background color of an element to Hex 83B1B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83B1B2 }
```

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

```
.background{ background-color:#83B1B2 }
```

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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