

Converting Colors

Hex(82B5B1)

Have a look what the booklet for
Hex(82B5B1) contains.

Hex(82B5B1)	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(82B5B1)

Conversions

Conversions Part 1

Format	Color
Hex	82B5B1
RGB	130, 181, 177
RGB Percent	51%, 71%, 69%
CMY	0.4902, 0.2902, 0.3059
CMYK	0.28, 0.00, 0.02, 0.29
HSL	175°, 26%, 61%
HSV	175°, 28%, 71%
XYZ	33.6656, 40.9679, 47.7282
YIQ	165.2950, -29.1120, -12.0560

Conversions

Conversions Part 2

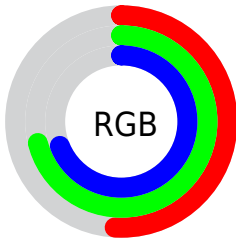
Format	Color
RYB	130, 157, 181
Decimal	8566193
CIELab	70.15, -17.58, -3.39
CIElCh	70, 17.906, 190.903
Yxy	40.9679, 0.2751, 0.3348
Android (android.graphics.Color)	4286756273 (0xFF82B5B1)
YUV	165.2950, 5.7706, -30.9537
Hunter-Lab	64.0062, -18.1244, 0.5929

Details

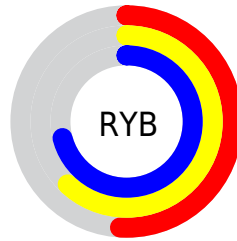
The Hex color **82B5B1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B58286**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B8EDE9**, and **4E807D** is the 20% darker color. If you saturate the color by 10%, you get **70B5B0**, and if you desaturate by 10%, it is **94B5B2**.

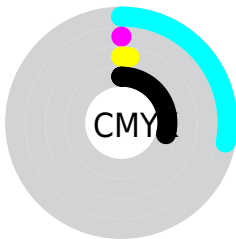
Distribution



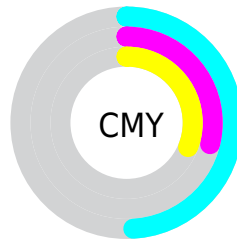
- Red (51%)
- Green (71%)
- Blue (69%)



- Red (51%)
- Yellow (62%)
- Blue (71%)



- Cyan (28%)
- Magenta (0%)
- Yellow (2%)
- Black (29%)



- Cyan (49%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82B5B1 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 82B5B1 by changing the saturation by 10% instead.

 82B5B1

 82B5B1

FFFFFF

 689A96

 B8EDE9

 4E807D

 D4FFFF

 356764

 F1FFFF

 1C4F4C

 003835

 002220

 000109

 000000

 82B5B1

 82B5B1

 70B5B0

 94B5B2

 5EB5AE

 A6B5B4

 4CB5AD

 B8B5B5

 3AB5AB

 CAB5B7

 27B5AA

 DDB5B8

 15B5A8

 EFB5BA

 03B5A7

 FFB5BB

 00B5A7

 FFB5BC

 FFB5BE

Harmonies

Analogous

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



8EB4A0



82B5B1



81B4C0

Triad

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



82B5B1



B6A5C4



C2A78D

Complementary

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



82B5B1



B58286

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.



CCA297



82B5B1



C6A1B7

Square

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



82B5B1



A1ABCB



CDA0A6



B2AC8C

Rectangle

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



82B5B1



88B1C7



CDA0A6



C6A590

Sweetspot

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



82B5B1



D8EBE9



86B582



6A7574



F5F5F5



757575

Same Dimension

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



82B5B1



9BEBE4



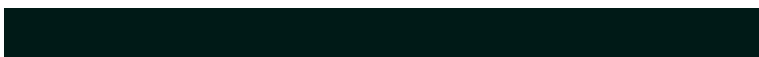
82A0B5



505959



00998D



001A17

Inverse Universe

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



B58286



EB9BA1



B59782



595051



99000C



1A0002

Previews

White Background



This preview shows how the Hex color 82B5B1 looks on a white background.

Color Contrast Check

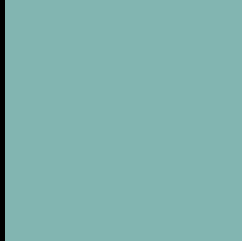
Large Text (above 18pt) WCAG AA × Fail

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 82B5B1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

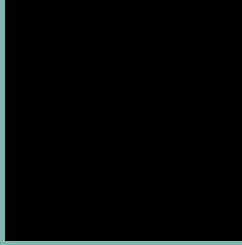
Any Text WCAG AA ✓ Pass

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 82B5B1 Background



This preview shows how black text looks on a background with the Hex color 82B5B1.

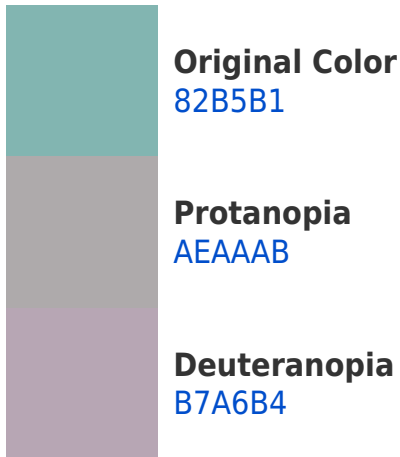


This preview shows how white text looks on a background with the Hex color 82B5B1.

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](#).

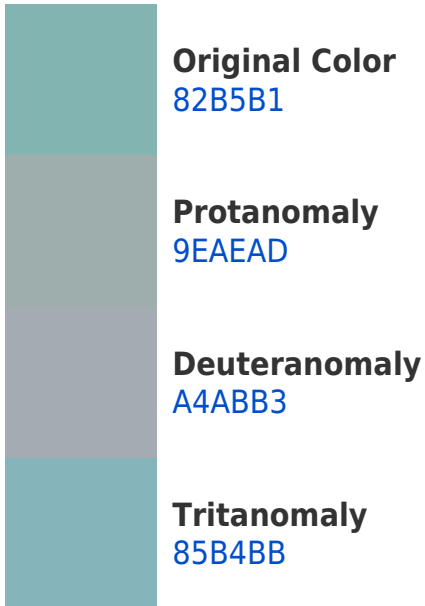
Dichromacy



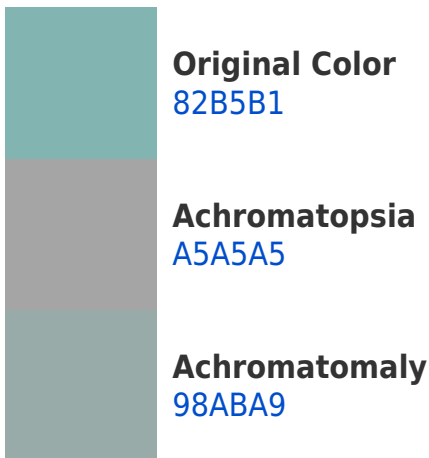


Tritanopia
86B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82B5B1 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 #82B5B1 looks like.

```
.text, #text, p{  
    color:#82B5B1  
}
```

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 #82B5B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82B5B1
}
```

Border

The CSS property to change the border of an element to Hex 82B5B1 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
#82B5B1 }
```

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

```
.border{ border-color:#82B5B1 }
```

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

Here you see how a box with a 4 pixel #82B5B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82B5B1; -webkit-box-shadow:4px 4px  
4px 4px #82B5B1; box-shadow:4px 4px 4px  
4px #82B5B1 }
```

Background

The CSS property to change the background color of an element to Hex 82B5B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82B5B1 }
```

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

```
.background{ background-color:#82B5B1 }
```

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