

Converting Colors

Hex(84B2BB)

Have a look what the booklet for
Hex(84B2BB) contains.

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Color

Hex(84B2BB)

Conversions

Conversions Part 1

Format	Color
Hex	84B2BB
RGB	132, 178, 187
RGB Percent	52%, 70%, 73%
CMY	0.4824, 0.3020, 0.2667
CMYK	0.29, 0.05, 0.00, 0.27
HSL	190°, 29%, 63%
HSV	190°, 29%, 73%
XYZ	34.4058, 40.3342, 52.9856
YIQ	165.2720, -30.3050, -6.9530

Conversions

Conversions Part 2

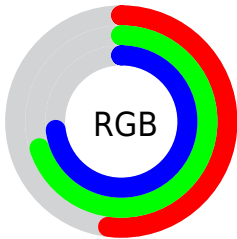
Format	Color
RYB	132, 157, 187
Decimal	8696507
CIELab	69.71, -13.08, -9.54
CIElCh	70, 16.194, 216.103
Yxy	40.3342, 0.2694, 0.3158
Android (android.graphics.Color)	4286886587 (0xFF84B2BB)
YUV	165.2720, 10.7119, -29.1795
Hunter-Lab	63.5092, -14.4397, -5.0091

Details

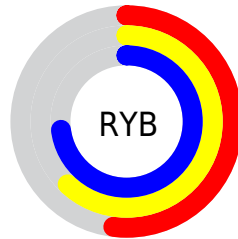
The Hex color **84B2BB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BB8D84**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **BAEAF3**, and **507D86** is the 20% darker color. If you saturate the color by 10%, you get **71AFBB**, and if you desaturate by 10%, it is **97B5BB**.

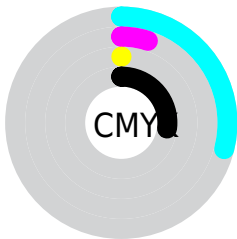
Distribution



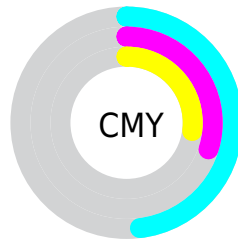
- Red (52%)
- Green (70%)
- Blue (73%)



- Red (52%)
- Yellow (62%)
- Blue (73%)



- Cyan (29%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (48%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84B2BB 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 84B2BB by changing the saturation by 10% instead.

 84B2BB

 84B2BB

FFFFFF

 6A97A0

 BAEAF3

 507D86

 D7FFFF

 37646D

 F3FFFF

 1D4C54

 00353D

 002027

 000113

 000000

 84B2BB

 84B2BB

71AFBB

97B5BB

5FACBB

A9B8BB

4CA9BB

BCBBBB

39A6BB

CFBEBB

27A3BB

E2C1BB

14A0BB

F4C4BB

019DBB

FFC7BB

009CBB

FFCABB

FFCEBB

Harmonies

Analogous

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



86B3AD



84B2BB



8DAFC5

Triad

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



84B2BB



C0A2B6



B3AA8D

Complementary

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



84B2BB



BB8D84

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.



C0A590



84B2BB



C8A0A8

Square

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



84B2BB



B1A6C2



C8A29A



A2AF92

Rectangle

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



84B2BB



98ACC7



C8A29A



B8A98D

Sweetspot

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



84B2BB



DCEFF2



84BB8C



6D787A



FAFAFA



7A7A7A

Same Dimension

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



84B2BB



9DE4F2



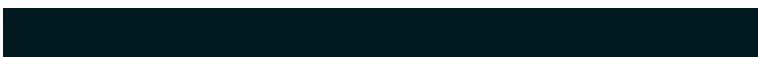
8497BB



555D5E



00849E



001A1F

Inverse Universe

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



BB84B2



F29DE4



BBA884



5E555D



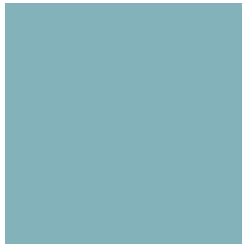
9E0084



1F001A

Previews

White Background



This preview shows how the Hex color 84B2BB looks on a white background.

Color Contrast Check

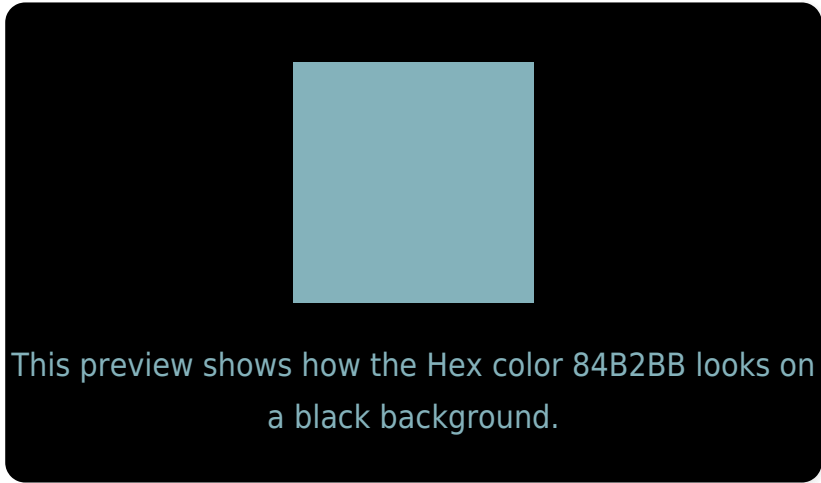
Large Text (above 18pt) WCAG AA × Fail

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

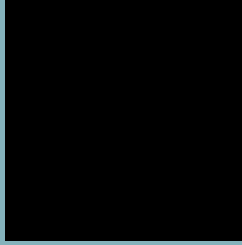
Any Text WCAG AA ✓ Pass

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 84B2BB Background



This preview shows how black text looks on a background with the Hex color 84B2BB.

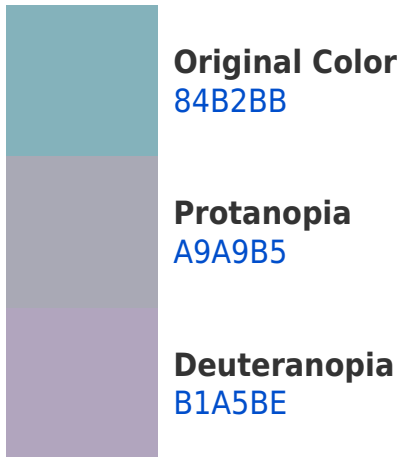


This preview shows how white text looks on a background with the Hex color 84B2BB.

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](#).

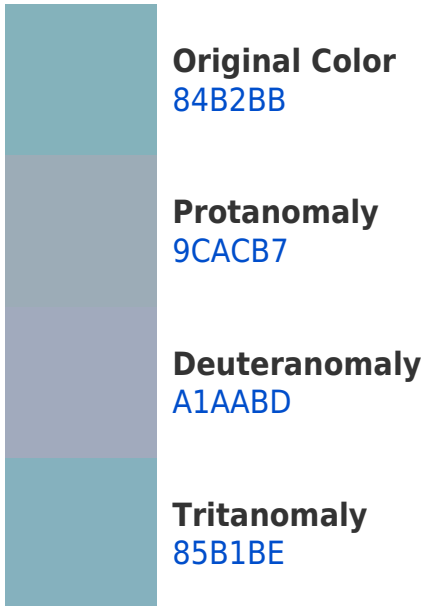
Dichromacy



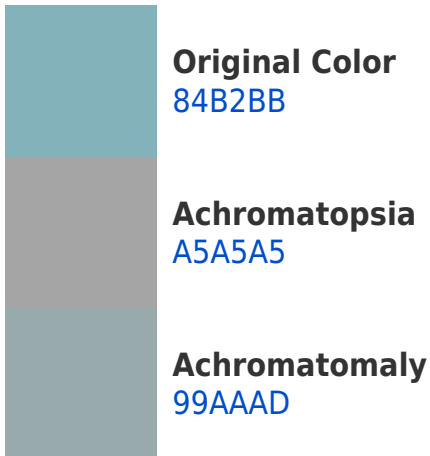


Tritanopia
85B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84B2BB 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 #84B2BB looks like.

```
.text, #text, p{  
    color:#84B2BB  
}
```

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 #84B2BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84B2BB
}
```

Border

The CSS property to change the border of an element to Hex 84B2BB 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
#84B2BB }
```

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

```
.border{ border-color:#84B2BB }
```

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

Here you see how a box with a 4 pixel #84B2BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84B2BB; -webkit-box-shadow:4px 4px  
4px 4px #84B2BB; box-shadow:4px 4px 4px  
4px #84B2BB }
```

Background

The CSS property to change the background color of an element to Hex 84B2BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84B2BB }
```

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

```
.background{ background-color:#84B2BB }
```

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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