

Converting Colors

Hex(84B7BE)

Have a look what the booklet for
Hex(84B7BE) contains.

Hex(84B7BE)	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(84B7BE)

Conversions

Conversions Part 1

Format	Color
Hex	84B7BE
RGB	132, 183, 190
RGB Percent	52%, 72%, 75%
CMY	0.4824, 0.2824, 0.2549
CMYK	0.31, 0.04, 0.00, 0.25
HSL	187°, 31%, 63%
HSV	187°, 31%, 75%
XYZ	35.7435, 42.4902, 55.0327
YIQ	168.5490, -32.6430, -8.6350

Conversions

Conversions Part 2

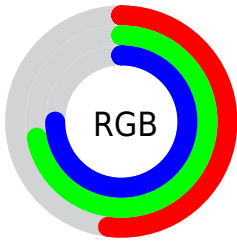
Format	Color
RYB	132, 159, 190
Decimal	8697790
CIELab	71.21, -14.99, -8.95
CIElCh	71, 17.463, 210.849
Yxy	42.4902, 0.2682, 0.3188
Android (android.graphics.Color)	4286887870 (0xFF84B7BE)
YUV	168.5490, 10.5753, -32.0535
Hunter-Lab	65.1845, -16.1937, -4.4271

Details

The Hex color **84B7BE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BE8B84**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **BBEFF6**, and **508289** is the 20% darker color. If you saturate the color by 10%, you get **71B5BE**, and if you desaturate by 10%, it is **97B9BE**.

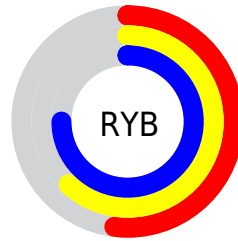
Distribution



Red (52%)

Green (72%)

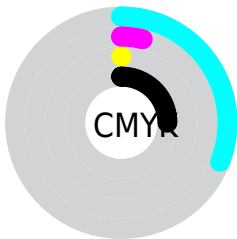
Blue (75%)



Red (52%)

Yellow (62%)

Blue (75%)

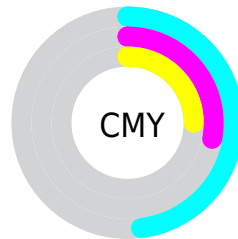


Cyan (31%)

Magenta (4%)

Yellow (0%)

Black (25%)



Cyan (48%)

Magenta (28%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84B7BE 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 84B7BE by changing the saturation by 10% instead.

■ 84B7BE

■ 84B7BE

FFFFFF

■ 6A9CA3

■ BBEFF6

■ 508289

■ D7FFFF

■ 36696F

■ F4FFFF

■ 1C5157

■ 003940

■ 00242A

■ 000916

■ 000000

■ 84B7BE

■ 84B7BE

71B5BE

97B9BE

5EB2BE

AABCBE

4BB0BE

BDBEBE

38AEBE

D0C0BE

25ACBE

E3C2BE

12A9BE

F6C5BE

00A7BE

FFC7BE

FFC9BE

FFCCBE

Harmonies

Analogous

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



89B8AE



84B7BE



8CB4CA

Triad

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



84B7BE



C4A6BE



BAAD8F

Complementary

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



84B7BE



BE8B84

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.



C8A893



84B7BE



CEA3AE

Square

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



84B7BE



B2AACA



CFA49F



A9B293

Rectangle

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



84B7BE



97B1CD



CFA49F



C0AC8F

Sweetspot

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



84B7BE



E1F5F7



84BE8B



6F7B7D



FCFCFC



7D7D7D

Same Dimension

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



84B7BE



9CECF7



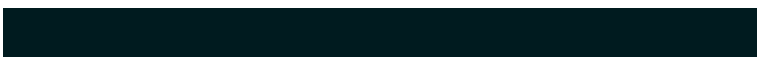
849ABE



555D5E



008B9E



001B1F

Inverse Universe

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



BE84B7



F79CEC



BEA884



5E555D



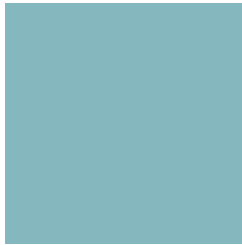
9E008B



1F001B

Previews

White Background



This preview shows how the Hex color 84B7BE looks on a white background.

Color Contrast Check

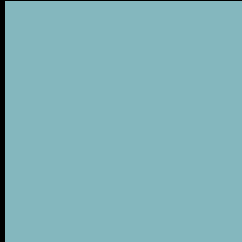
Large Text (above 18pt) WCAG AA × Fail

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 84B7BE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

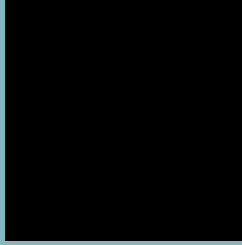
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

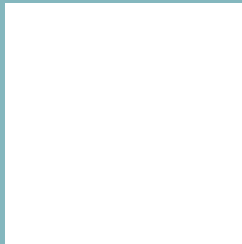
Any Text WCAG AAA ✓ Pass

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

Hex 84B7BE Background



This preview shows how black text looks on a background with the Hex color 84B7BE.



This preview shows how white text looks on a background with the Hex color 84B7BE.

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](#).

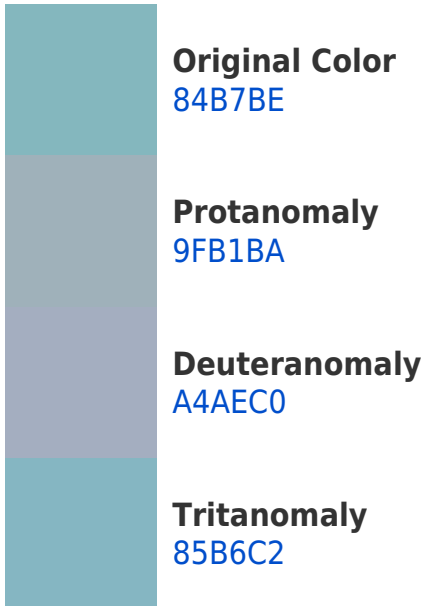
Dichromacy



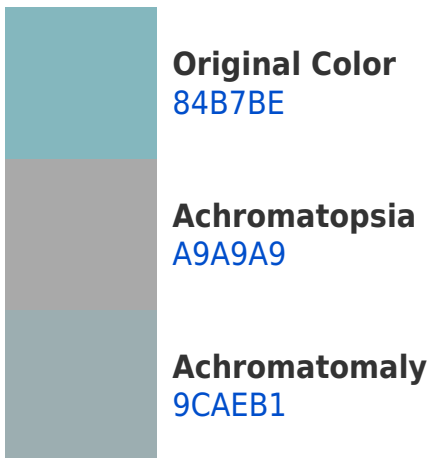


Tritanopia
86B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84B7BE 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 #84B7BE looks like.

```
.text, #text, p{  
    color:#84B7BE  
}
```

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 #84B7BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84B7BE  
}
```

Border

The CSS property to change the border of an element to Hex 84B7BE 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  
#84B7BE }
```

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

```
.border{ border-color:#84B7BE }
```

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

Here you see how a box with a 4 pixel #84B7BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84B7BE; -webkit-box-shadow:4px 4px  
4px 4px #84B7BE; box-shadow:4px 4px 4px  
4px #84B7BE }
```

Background

The CSS property to change the background color of an element to Hex 84B7BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84B7BE }
```

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

```
.background{ background-color:#84B7BE }
```

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