

# Converting Colors

Hex(84BCB3)

Have a look what the booklet for  
Hex(84BCB3) contains.

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# **Color**

**Hex(84BCB3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84BCB3
RGB	132, 188, 179
RGB Percent	52%, 74%, 70%
CMY	0.4824, 0.2627, 0.2980
CMYK	0.30, 0.00, 0.05, 0.26
HSL	170°, 29%, 63%
HSV	170°, 30%, 74%
XYZ	35.6356, 44.1266, 49.2869
YIQ	170.2300, -30.4870, -14.6710

# Conversions

## Conversions Part 2

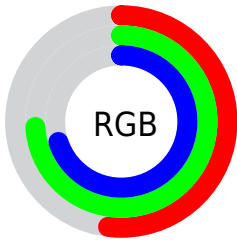
<b>Format</b>	<b>Color</b>
<b>RYB</b>	132, 162, 188
Decimal	8699059
CIELab	72.31, -20.12, -1.30
CIElCh	72, 20.163, 183.695
Yxy	44.1266, 0.2761, 0.3419
Android (android.graphics.Color)	4286889139 (0xFF84BCB3)
YUV	170.2300, 4.3236, -33.5277
Hunter-Lab	66.4279, -20.4915, 2.5086

# Details

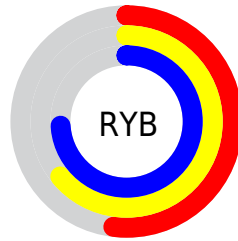
The Hex color **84BCB3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BC848D**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **BBF4EB**, and **50877E** is the 20% darker color. If you saturate the color by 10%, you get **71BCB0**, and if you desaturate by 10%, it is **97BCB6**.

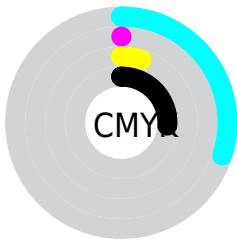
# Distribution



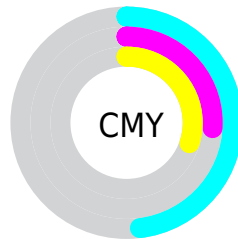
- Red (52%)
- Green (74%)
- Blue (70%)



- Red (52%)
- Yellow (64%)
- Blue (74%)



- Cyan (30%)
- Magenta (0%)
- Yellow (5%)
- Black (26%)



- Cyan (48%)
- Magenta (26%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84BCB3 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 84BCB3 by changing the saturation by 10% instead.





84BCB3



84BCB3

FFFFFF



6AA198



BBF4EB



50877E



D7FFFF



376D65



F4FFFF



1C554D



003D37



002721



000F0B



000000



84BCB3



84BCB3

 71BCB0

 97BCB6

 5EBCAD

 AABCB9

 4CBCAA

 BCBCBC

 39BCA7

 CFBCBF

 26BCA4

 E2BCC2

 13BCA1

 F5BCC5

 00BC9E

 FFBC8

 FFBCCB

 FFBCCE

# Harmonies

## Analogous

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



94BAA0



84BCB3



7FBBC5

# Triad

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



84BCB3



B7ACD0



CEAB91

# Complementary

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



84BCB3



BC848D

# 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.



D7A69E



84BCB3



CBA7C2

# Square

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



84BCB3



9FB2D6



D6A4B0



BDB18D

# Rectangle

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



84BCB3



84B9CE



D6A4B0



D2A994



# Sweetspot

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



84BCB3



DFF5F1



8DBC84



6D7A78



FAFAFA



7A7A7A



# Same Dimension

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



84BCB3



9DF5E7



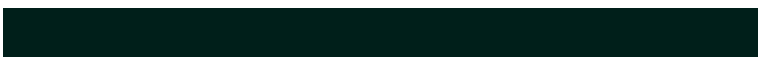
84A9BC



555E5D



009E85



001F1A



# Inverse Universe

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



BC848D



F59DAB



BC9784



5E5556



9E0019

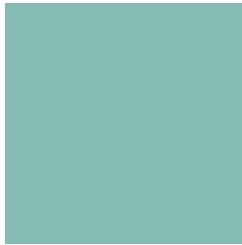


1F0005



# Previews

## White Background



This preview shows how the Hex color 84BCB3 looks on a white background.

## Color Contrast Check

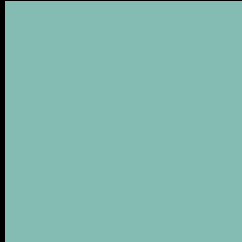
Large Text (above 18pt) WCAG AA × Fail

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 84BCB3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

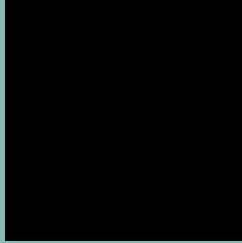
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 84BCB3 Background



This preview shows how black text looks on a background with the Hex color 84BCB3.

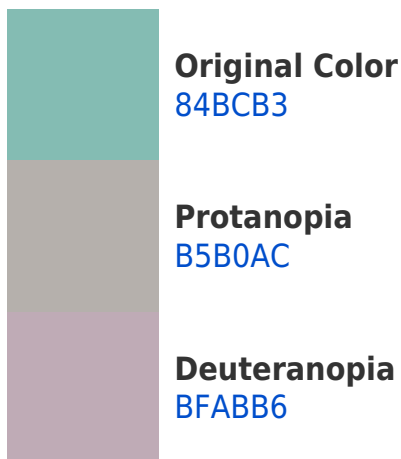


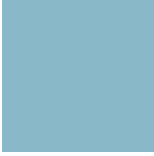
This preview shows how white text looks on a background with the Hex color 84BCB3.

# 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](#).

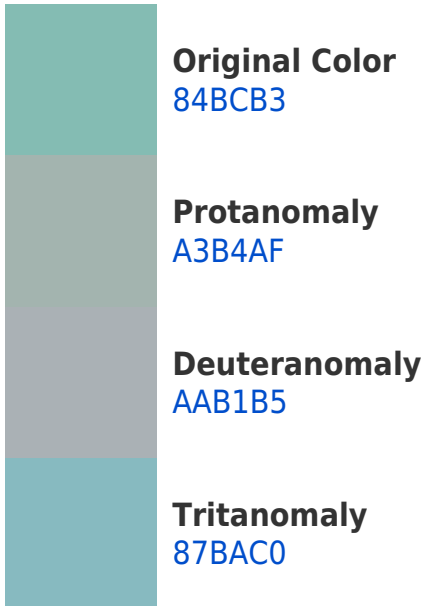
## Dichromacy



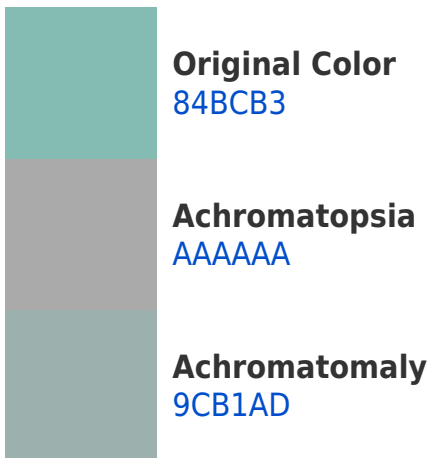


**Tritanopia**  
89B9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84BCB3 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 #84BCB3 looks like.

```
.text, #text, p{  
    color:#84BCB3  
}
```

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 #84BCB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84BCB3  
}
```

## Border

The CSS property to change the border of an element to Hex 84BCB3 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  
#84BCB3 }
```

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

```
.border{ border-color:#84BCB3 }
```

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

Here you see how a box with a 4 pixel #84BCB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84BCB3; -webkit-box-shadow:4px 4px  
4px 4px #84BCB3; box-shadow:4px 4px 4px  
4px #84BCB3 }
```

# Background

The CSS property to change the background color of an element to Hex 84BCB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84BCB3 }
```

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

```
.background{ background-color:#84BCB3 }
```

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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