

# Converting Colors

Hex(88B4BB)

Have a look what the booklet for  
Hex(88B4BB) contains.

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# **Color**

**Hex(88B4BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88B4BB
RGB	136, 180, 187
RGB Percent	53%, 71%, 73%
CMY	0.4667, 0.2941, 0.2667
CMYK	0.27, 0.04, 0.00, 0.27
HSL	188°, 27%, 63%
HSV	188°, 27%, 73%
XYZ	35.4442, 41.4646, 53.1491
YIQ	167.6420, -28.4710, -7.1510

# Conversions

## Conversions Part 2

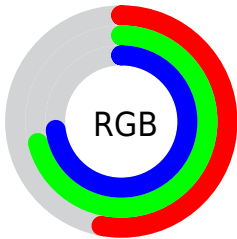
<b>Format</b>	<b>Color</b>
<b>RYB</b>	136, 160, 187
Decimal	8959163
CIELab	70.50, -12.95, -8.34
CIELCh	71, 15.404, 212.761
Yxy	41.4646, 0.2725, 0.3188
Android (android.graphics.Color)	4287149243 (0xFF88B4BB)
YUV	167.6420, 9.5435, -27.7500
Hunter-Lab	64.3930, -14.4350, -3.8620

# Details

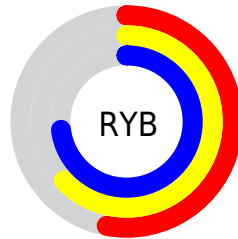
The Hex color **88B4BB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BB8F88**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **BEECF3**, and **547F86** is the 20% darker color. If you saturate the color by 10%, you get **75B1BB**, and if you desaturate by 10%, it is **9BB7BB**.

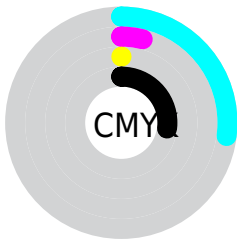
# Distribution



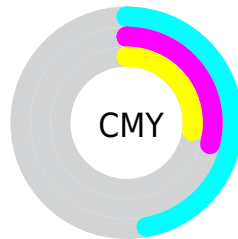
- Red (53%)
- Green (71%)
- Blue (73%)



- Red (53%)
- Yellow (63%)
- Blue (73%)



- Cyan (27%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)



- Cyan (47%)
- Magenta (29%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88B4BB 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 88B4BB by changing the saturation by 10% instead.





88B4BB



88B4BB

FFFFFF



6E99A0



BEECF3



547F86



DBFFFF



3B666D



F8FFFF



224E54



06373D



002227



000413



000000



88B4BB



88B4BB

75B1BB

9BB7BB

63AFBB

ADB9BB

50ACBB

C0BCBB

3DAABB

D3BEBB

2BA7BB

E5C1BB

18A5BB

F8C3BB

05A2BB

FFC6BB

00A1BB

FFC9BB

FFCBBB

# Harmonies

## Analogous

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



8BB5AD



88B4BB



8FB1C5

# Triad

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



88B4BB



C0A5B9



B6AC91

# Complementary

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



88B4BB



BB8F88

# 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.



C3A794



88B4BB



C9A3AC

# Square

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



88B4BB



B1A8C4



CAA49E



A7B095

# Rectangle

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



88B4BB



99AFC8



CAA49E



BBAA91



# Sweetspot

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



88B4BB



DFF0F2



88BB8F



6E797A



FAFAFA



7A7A7A



# Same Dimension

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



88B4BB



A2E7F2



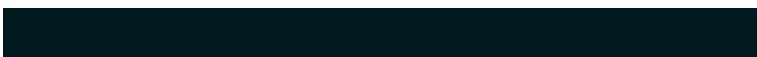
889BBB



555D5E



00889E



001A1F



# Inverse Universe

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



BB88B4



F2A2E7



BBA888



5E555D



9E0088



1F001A



# Previews

## White Background



This preview shows how the Hex color 88B4BB looks on a white background.

## Color Contrast Check

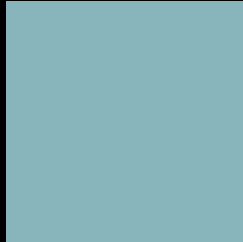
Large Text (above 18pt) WCAG AA × Fail

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 88B4BB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

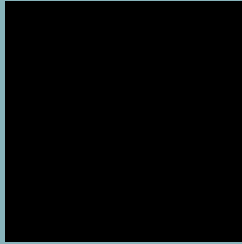
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

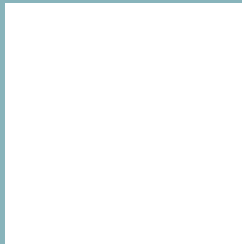
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 88B4BB Background



This preview shows how black text looks on a background with the Hex color 88B4BB.

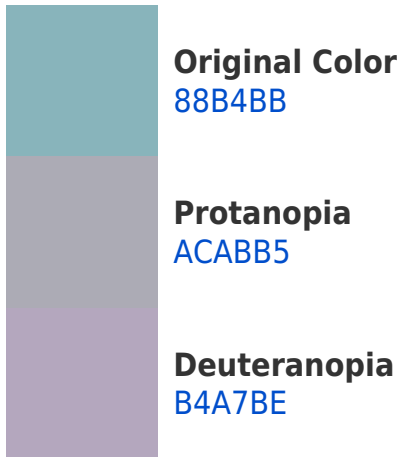


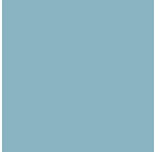
This preview shows how white text looks on a background with the Hex color 88B4BB.

# 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](#).

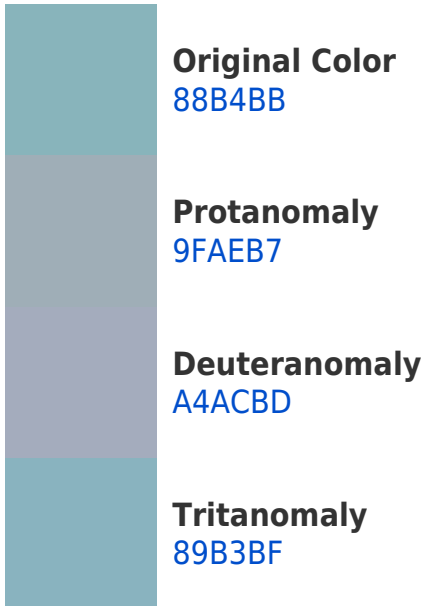
## Dichromacy



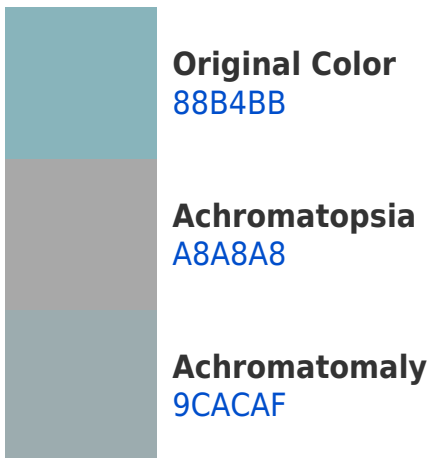


**Tritanopia**  
89B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88B4BB 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 #88B4BB looks like.

```
.text, #text, p{  
    color:#88B4BB  
}
```

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 #88B4BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88B4BB
}
```

## Border

The CSS property to change the border of an element to Hex 88B4BB 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
#88B4BB }
```

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

```
.border{ border-color:#88B4BB }
```

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

Here you see how a box with a 4 pixel #88B4BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88B4BB; -webkit-box-shadow:4px 4px  
4px 4px #88B4BB; box-shadow:4px 4px 4px  
4px #88B4BB }
```

# Background

The CSS property to change the background color of an element to Hex 88B4BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88B4BB }
```

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

```
.background{ background-color:#88B4BB }
```

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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