

# Converting Colors

Hex(88BD9E)

Have a look what the booklet for  
Hex(88BD9E) contains.

<b>Hex(88BD9E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(88BD9E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88BD9E
RGB	136, 189, 158
RGB Percent	53%, 74%, 62%
CMY	0.4667, 0.2588, 0.3804
CMYK	0.28, 0.00, 0.16, 0.26
HSL	145°, 29%, 64%
HSV	145°, 28%, 74%
XYZ	34.5225, 44.0981, 39.0400
YIQ	169.6190, -21.6370, -20.8770

# Conversions

## Conversions Part 2

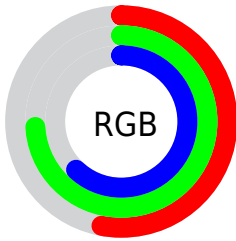
<b>Format</b>	<b>Color</b>
<b>RYB</b>	136, 173, 189
Decimal	8961438
CIELab	72.29, -23.83, 10.15
CIELCh	72, 25.903, 156.938
Yxy	44.0981, 0.2934, 0.3748
Android (android.graphics.Color)	4287151518 (0xFF88BD9E)
YUV	169.6190, -5.7282, -29.4839
Hunter-Lab	66.4064, -23.4148, 11.6281

# Details

The Hex color **88BD9E** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BD88A7**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **BEF5D5**, and **54876B** is the 20% darker color. If you saturate the color by 10%, you get **75BD93**, and if you desaturate by 10%, it is **9BBDA9**.

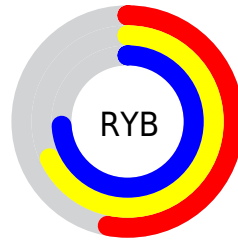
# Distribution



Red (53%)

Green (74%)

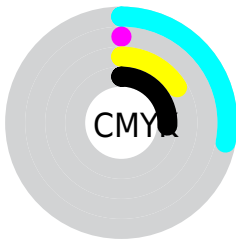
Blue (62%)



Red (53%)

Yellow (68%)

Blue (74%)

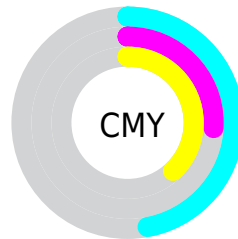


Cyan (28%)

Magenta (0%)

Yellow (16%)

Black (26%)



Cyan (47%)

Magenta (26%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88BD9E 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 88BD9E by changing the saturation by 10% instead.



 88BD9E

 88BD9E

FFFFFF

 6EA284

 BEF5D5

 54876B

 DBFFF1

 3C6E52

 F7FFFF

 23553B

 073E26

 002711

 000F00

 000000

 88BD9E

 88BD9E

 75BD93

 9BBDA9

 62BD88

 AEBDB4

 4FBD7D

 C1BDBF

 3CBD72

 D4BDCA

 29BD67

 E7BDD5

 17BD5C

 F9BDE0

 04BD51

 FFBDEB

 00BD4E

 FFBDF6

 FFBDFE

# Harmonies

## Analogous

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



A3B88B



88BD9E



72BFB6

# Triad

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



88BD9E



9CB2E0



DFA396

# Complementary

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



88BD9E



BD88A7

# 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.



E1A0AD



88BD9E



BCA9D7

# Square

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



88BD9E



7DB9DC



D4A3C4



D3AA86

# Rectangle

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



88BD9E



6CBEC6



D4A3C4



E1A19D

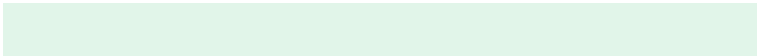


# Sweetspot

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



88BD9E



E1F5E9



A8BD88



6E7A73



FAFAFA



7A7A7A



# Same Dimension

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



88BD9E



A2F5C4



88BDB8



555E59



009E42



001F0D



# Inverse Universe

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



BD88A7



F5A2D2



BD888D



5E555A



9E005C

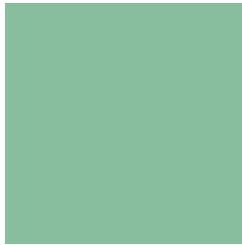


1F0012



# Previews

## White Background



This preview shows how the Hex color 88BD9E 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 88BD9E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

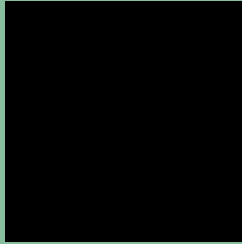
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 88BD9E Background



This preview shows how black text looks on a background with the Hex color 88BD9E.

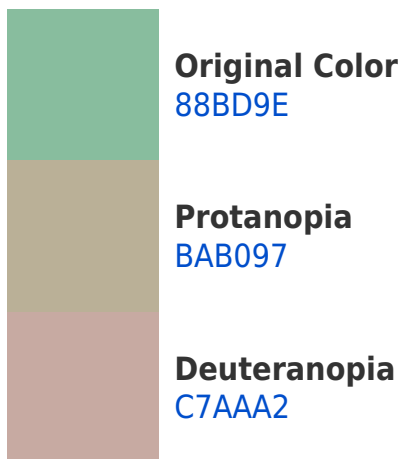


This preview shows how white text looks on a background with the Hex color 88BD9E.

# 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](#).

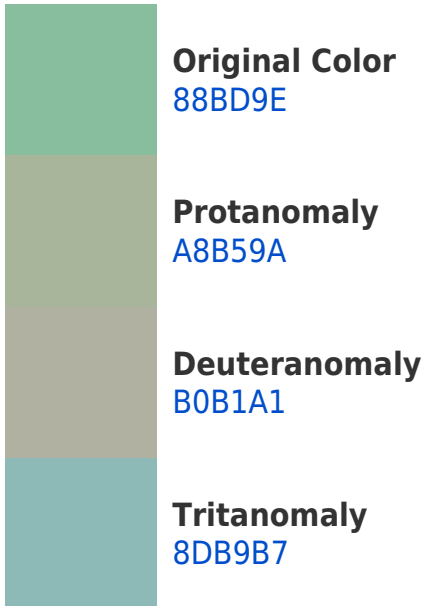
## Dichromacy



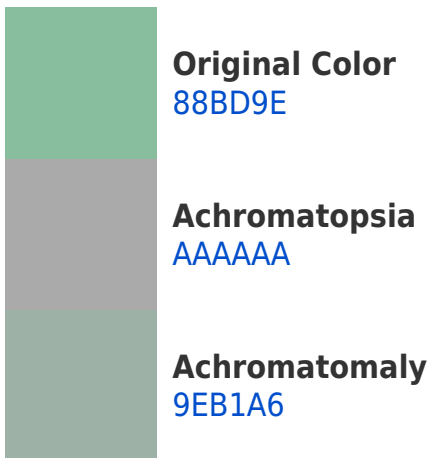


**Tritanopia**  
90B7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88BD9E 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 #88BD9E looks like.

```
.text, #text, p{  
    color:#88BD9E  
}
```

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 #88BD9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88BD9E
}
```

## Border

The CSS property to change the border of an element to Hex 88BD9E 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
#88BD9E }
```

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

```
.border{ border-color:#88BD9E }
```

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

Here you see how a box with a 4 pixel #88BD9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88BD9E; -webkit-box-shadow:4px 4px  
4px 4px #88BD9E; box-shadow:4px 4px 4px  
4px #88BD9E }
```

# Background

The CSS property to change the background color of an element to Hex 88BD9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88BD9E }
```

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

```
.background{ background-color:#88BD9E }
```

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