

# Converting Colors

Hex(89BCAF)

Have a look what the booklet for  
Hex(89BCAF) contains.

<b>Hex(89BCAF)</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(89BCAF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89BCAF
RGB	137, 188, 175
RGB Percent	54%, 74%, 69%
CMY	0.4627, 0.2627, 0.3137
CMYK	0.27, 0.00, 0.07, 0.26
HSL	165°, 28%, 64%
HSV	165°, 27%, 74%
XYZ	36.0376, 44.3799, 47.2242
YIQ	171.2690, -26.2230, -14.8550

# Conversions

## Conversions Part 2

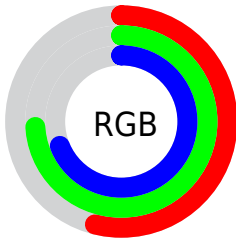
Format	Color
<a href="#">RYB</a>	<a href="#">137, 166, 188</a>
Decimal	<a href="#">9026735</a>
CIELab	<a href="#">72.48, -19.50, 1.16</a>
CIElCh	<a href="#">72, 19.532, 176.583</a>
Yxy	<a href="#">44.3799, 0.2823, 0.3477</a>
Android (android.graphics.Color)	<a href="#">4287216815 (0xFF89BCAF)</a>
YUV	<a href="#">171.2690, 1.8394, -30.0539</a>
Hunter-Lab	<a href="#">66.6183, -20.0212, 4.6034</a>

# Details

The Hex color **89BCAF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BC8996**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **BFF4E6**, and **55877B** is the 20% darker color. If you saturate the color by 10%, you get **76BCAA**, and if you desaturate by 10%, it is **9CBCB4**.

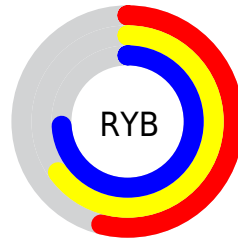
# Distribution



Red (54%)

Green (74%)

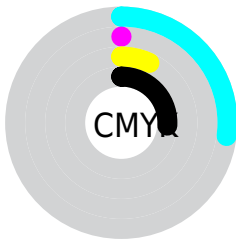
Blue (69%)



Red (54%)

Yellow (65%)

Blue (74%)

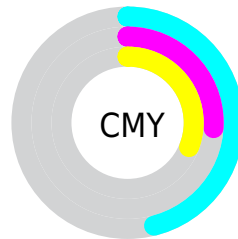


Cyan (27%)

Magenta (0%)

Yellow (7%)

Black (26%)



Cyan (46%)

Magenta (26%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89BCAF 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 89BCAF by changing the saturation by 10% instead.





89BCAF



89BCAF

FFFFFF



6FA194



BFF4E6



55877B



DCFFFF



3C6D62



F9FFFF



24554A



083D34



00271E



001006



000000



89BCAF



89BCAF

 76BCAA

 9CBCB4

 63BCA5

 AFBCB9

 51BCA1

 C1BCBD

 3EBC9C

 D4BCC2

 2BBC97

 E7BCC7

 18BC92

 FABCCC

 05BC8D

 FFBCD1

 00BC8C

 FFBCD5

 FFBCDA

# Harmonies

## Analogous

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



9ABA9E



89BCAF



81BCC1

# Triad

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



89BCAF



B2AED2



D0AA95

# Complementary

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



89BCAF



BC8996

# 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.



D7A6A3



89BCAF



C7A8C6

# Square

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



89BCAF



9BB4D5



D4A5B5



C2B08E

# Rectangle

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



89BCAF



84BACB



D4A5B5



D3A899



# Sweetspot

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



89BCAF



E1F5F0



97BC89



6E7A77



FAFAFA



7A7A7A



# Same Dimension

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



89BCAF



A4F5E0



89B0BC



555E5C



009E76



001F17



# Inverse Universe

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



BC8996



F5A4B9



BC9589



5E5557



9E0028



1F0008



# Previews

## White Background



This preview shows how the Hex color 89BCAF looks on a white background.

## Color Contrast Check

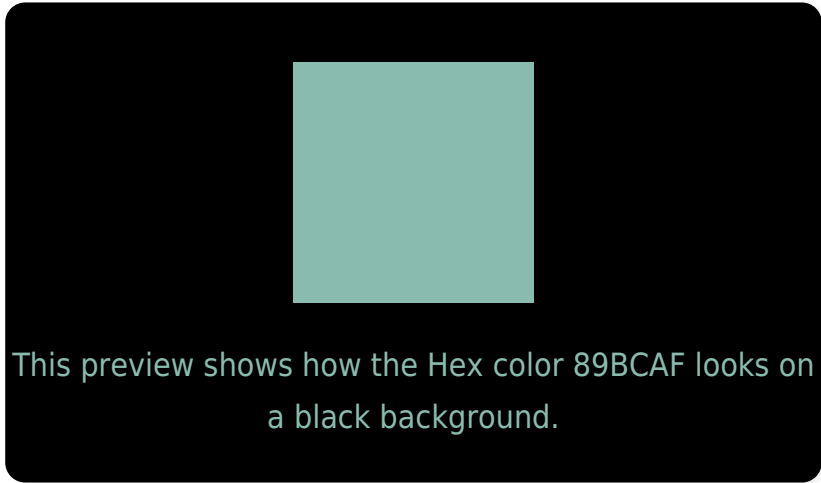
Large Text (above 18pt) WCAG AA × Fail

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

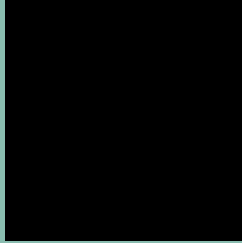
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 89BCAF Background



This preview shows how black text looks on a background with the Hex color 89BCAF.

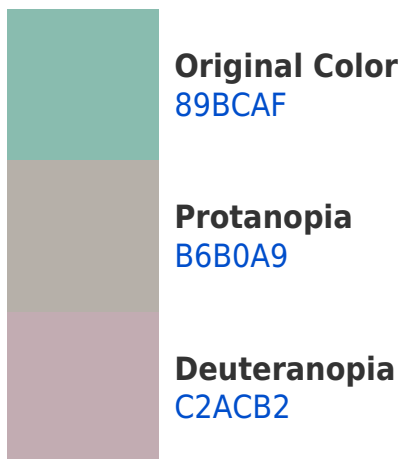


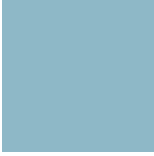
This preview shows how white text looks on a background with the Hex color 89BCAF.

# 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](#).

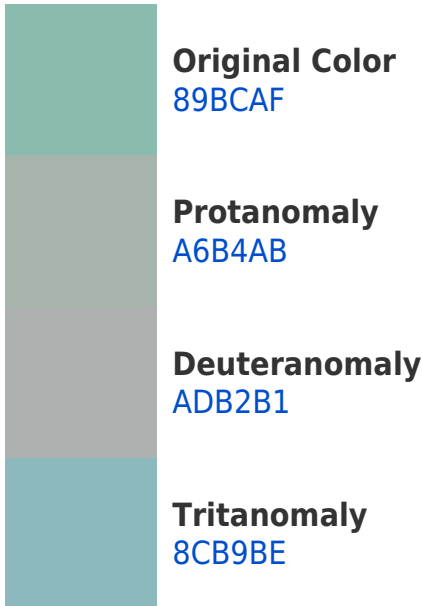
## Dichromacy



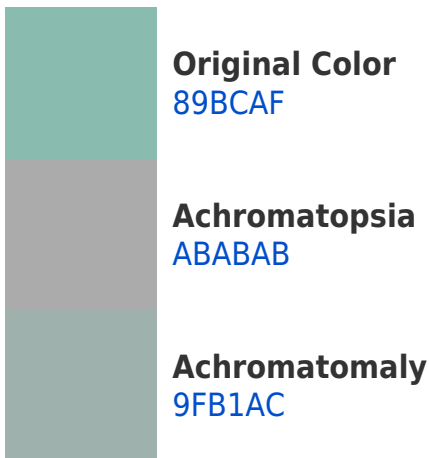


**Tritanopia**  
8EB8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89BCAF 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 #89BCAF looks like.

```
.text, #text, p{  
    color:#89BCAF  
}
```

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 #89BCAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89BCAF
}
```

## Border

The CSS property to change the border of an element to Hex 89BCAF 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
#89BCAF }
```

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

```
.border{ border-color:#89BCAF }
```

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

Here you see how a box with a 4 pixel #89BCAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89BCAF; -webkit-box-shadow:4px 4px  
4px 4px #89BCAF; box-shadow:4px 4px 4px  
4px #89BCAF }
```

# Background

The CSS property to change the background color of an element to Hex 89BCAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89BCAF }
```

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

```
.background{ background-color:#89BCAF }
```

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