

# Converting Colors

Hex(89BFAC)

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

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

# Conversions

## Conversions Part 1

Format	Color
Hex	89BFAC
RGB	137, 191, 172
RGB Percent	54%, 75%, 67%
CMY	0.4627, 0.2510, 0.3255
CMYK	0.28, 0.00, 0.10, 0.25
HSL	159°, 30%, 64%
HSV	159°, 28%, 75%
XYZ	36.3937, 45.5585, 45.9052
YIQ	172.6880, -26.0850, -17.3570

# Conversions

## Conversions Part 2

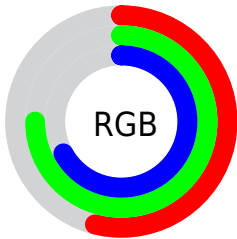
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 170, 191
Decimal	9027500
CIELab	73.26, -21.66, 3.93
CIElCh	73, 22.009, 169.725
Yxy	45.5585, 0.2846, 0.3563
Android (android.graphics.Color)	4287217580 (0xFF89BFAC)
YUV	172.6880, -0.3392, -31.2984
Hunter-Lab	67.4971, -21.8745, 6.9244

# Details

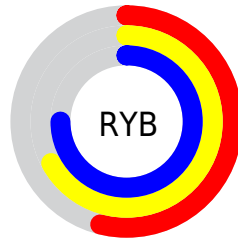
The Hex color **89BFAC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BF899C**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **C0F8E3**, and **558978** is the 20% darker color. If you saturate the color by 10%, you get **76BFA5**, and if you desaturate by 10%, it is **9CBFB3**.

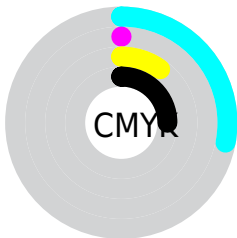
# Distribution



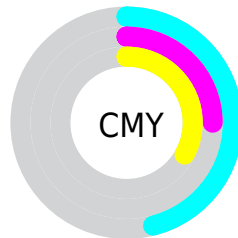
- Red (54%)
- Green (75%)
- Blue (67%)



- Red (54%)
- Yellow (67%)
- Blue (75%)



- Cyan (28%)
- Magenta (0%)
- Yellow (10%)
- Black (25%)



- Cyan (46%)
- Magenta (25%)
- Yellow (33%)

# Brightness & Saturation Gradients

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





89BFAC



89BFAC

FFFFFF



6FA491



C0F8E3



558978



DCFFFF



3C705F



F9FFFF



235747



074031



00291C



001402



000000



89BFAC



89BFAC

 76BFA5

 9CBFB3

 63BF9F

 AFBFB9

 50BF98

 C2BFC0

 3DBF91

 D5BFC7

 2ABF8A

 E9BFCE

 16BF84

 FCBFD4

 03BF7D

 FFBFDB

 00BF7C

 FFBFE2

 FFBFE8

# Harmonies

## Analogous

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



9EBC99



89BFAC



7DBFC1

# Triad

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



89BFAC



AEB1DA



D8AA96

# Complementary

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



89BFAC



BF899C

# 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.



DEA6A7



89BFAC



C7AACE

# Square

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



89BFAC



93B8DB



D8A6BC



CAB08D

# Rectangle

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



89BFAC



7DBECD



D8A6BC



DBA89B

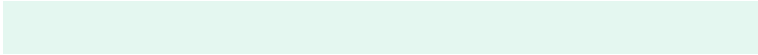


# Sweetspot

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



89BFAC



E4F7F0



9DBF89



707D79



FCFCFC



7D7D7D

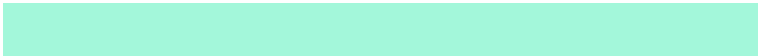


# Same Dimension

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



89BFAC



A3F7DA



89B8BF



555E5B



009E66



001F14



# Inverse Universe

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



BF899C



F7A3C1



BF9089



5E5558



9E0038



1F000B



# Previews

## White Background



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

## Color Contrast Check

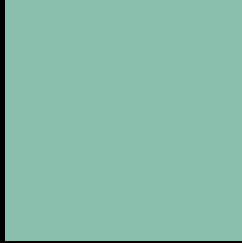
Large Text (above 18pt) WCAG AA × Fail

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 89BFAC 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 89BFAC Background



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

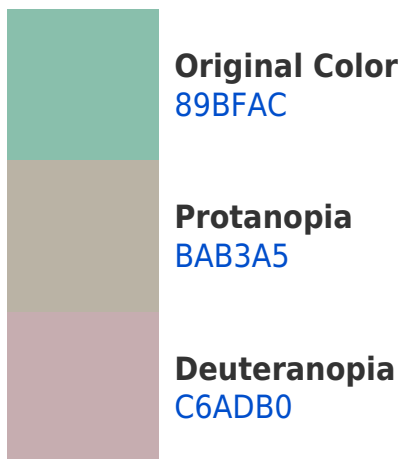


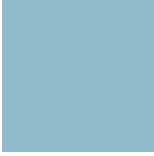
This preview shows how white text looks on a background with the Hex color 89BFAC.

# 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](#).

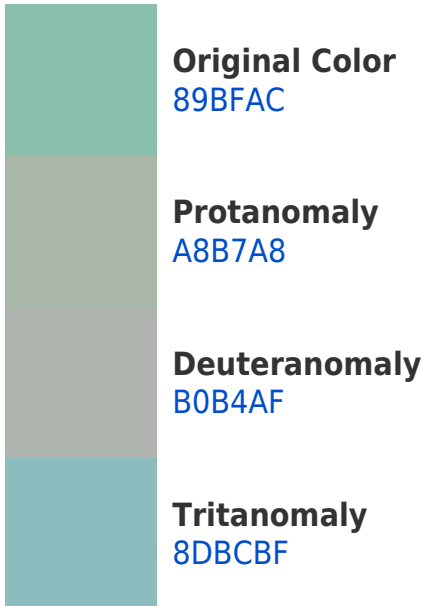
## Dichromacy



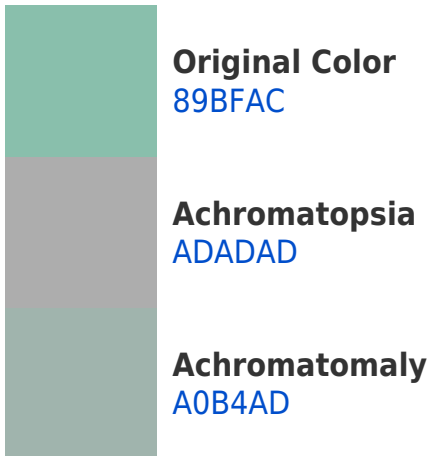


**Tritanopia**  
8FBBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #89BFAC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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