

# Converting Colors

Hex(89BE8C)

Have a look what the booklet for  
Hex(89BE8C) contains.

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# **Color**

**Hex(89BE8C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89BE8C
RGB	137, 190, 140
RGB Percent	54%, 75%, 55%
CMY	0.4627, 0.2549, 0.4510
CMYK	0.28, 0.00, 0.26, 0.25
HSL	123°, 29%, 64%
HSV	123°, 28%, 75%
XYZ	33.4636, 44.0387, 31.5475
YIQ	168.4530, -15.5380, -26.7860

# Conversions

## Conversions Part 2

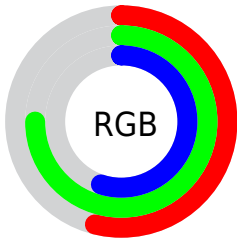
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 187, 190
Decimal	9027212
CIELab	72.25, -27.35, 19.82
CIELCh	72, 33.774, 144.066
Yxy	44.0387, 0.3069, 0.4038
Android (android.graphics.Color)	4287217292 (0xFF89BE8C)
YUV	168.4530, -14.0273, -27.5843
Hunter-Lab	66.3617, -26.1224, 18.2674

# Details

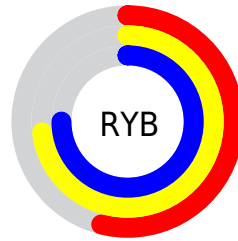
The Hex color **89BE8C** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BE89BB**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **C0F7C2**, and **55885A** is the 20% darker color. If you saturate the color by 10%, you get **76BE7A**, and if you desaturate by 10%, it is **9CBE9E**.

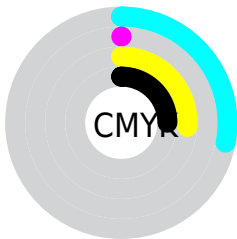
# Distribution



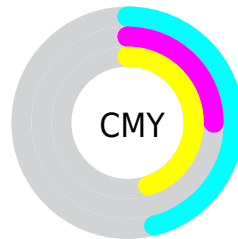
- Red (54%)
- Green (75%)
- Blue (55%)



- Red (54%)
- Yellow (73%)
- Blue (75%)



- Cyan (28%)
- Magenta (0%)
- Yellow (26%)
- Black (25%)



- Cyan (46%)
- Magenta (25%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89BE8C 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 89BE8C by changing the saturation by 10% instead.





89BE8C



89BE8C

FFFFFF



6FA372



C0F7C2



55885A



DCFFDE



3C6F42



F9FFFA



24562B



083E16



002800



000F00



000000



89BE8C



89BE8C

 76BE7A

 9CBE9E

 63BE68

 AFBEB0

 50BE56

 C2BEC2

 3DBE44

 D5BED4

 2ABE32

 E8BEE6

 17BE20

 FBBEF8

 04BE0F

 FFBEFF

 00BE0B

# Harmonies

## Analogous

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



ADB778



89BE8C



64C2AA

# Triad

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



89BE8C



7EB6EE



EE9B9A

# Complementary

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



89BE8C



BE89BB

# 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.



E99AB9



89BE8C



ADABE9

# Square

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



89BE8C



53BEE2



D3A1D6



E3A380

# Rectangle

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



89BE8C



4FC2BF



D3A1D6



EE9AA4



# Sweetspot

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



89BE8C



E4F7E5



BBBE89



707D71



FCFCFC



7D7D7D

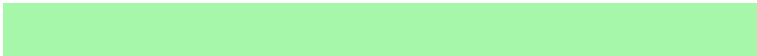


# Same Dimension

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



89BE8C



A6F7AA



89BEA6



555E55



009E09



001F02



# Inverse Universe

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



BE89BB



F7A6F3



BE89A1



5E555E



9E0095



1F001D



# Previews

## White Background



This preview shows how the Hex color 89BE8C looks on a white background.

## Color Contrast Check

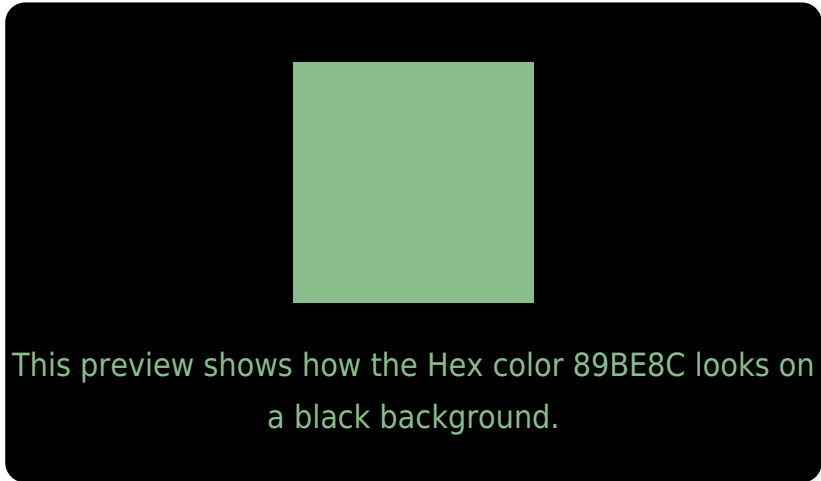
Large Text (above 18pt) WCAG AA × Fail

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

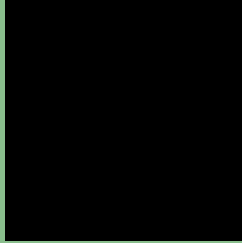
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 89BE8C Background



This preview shows how black text looks on a background with the Hex color 89BE8C.

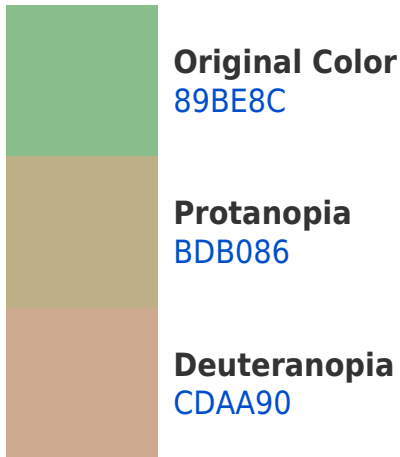


This preview shows how white text looks on a background with the Hex color 89BE8C.

# 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](#).

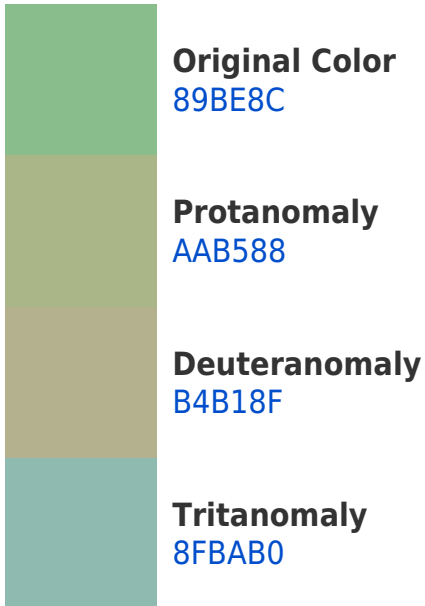
## Dichromacy





**Tritanopia**  
93B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89BE8C 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 #89BE8C looks like.

```
.text, #text, p{  
    color:#89BE8C  
}
```

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 #89BE8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89BE8C
}
```

## Border

The CSS property to change the border of an element to Hex 89BE8C 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
#89BE8C }
```

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

```
.border{ border-color:#89BE8C }
```

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

Here you see how a box with a 4 pixel #89BE8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89BE8C; -webkit-box-shadow:4px 4px  
4px 4px #89BE8C; box-shadow:4px 4px 4px  
4px #89BE8C }
```

# Background

The CSS property to change the background color of an element to Hex 89BE8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89BE8C }
```

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

```
.background{ background-color:#89BE8C }
```

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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