

# Converting Colors

Hex(89B38B)

Have a look what the booklet for  
Hex(89B38B) contains.

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# **Color**

**Hex(89B38B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89B38B
RGB	137, 179, 139
RGB Percent	54%, 70%, 55%
CMY	0.4627, 0.2980, 0.4549
CMYK	0.23, 0.00, 0.22, 0.30
HSL	123°, 22%, 62%
HSV	123°, 23%, 70%
XYZ	31.0968, 39.4226, 30.3965
YIQ	161.8820, -12.1920, -21.3440

# Conversions

## Conversions Part 2

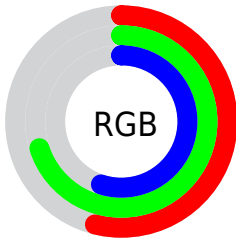
Format	Color
<a href="#">RYB</a>	<a href="#">137, 177, 179</a>
Decimal	<a href="#">9024395</a>
CIELab	<a href="#">69.06, -22.09, 15.94</a>
CIElCh	<a href="#">69, 27.239, 144.193</a>
Yxy	<a href="#">39.4226, 0.3081, 0.3906</a>
Android (android.graphics.Color)	<a href="#">4287214475 (0xFF89B38B)</a>
YUV	<a href="#">161.8820, -11.2808, -21.8215</a>
Hunter-Lab	<a href="#">62.7875, -21.4721, 15.2479</a>

# Details

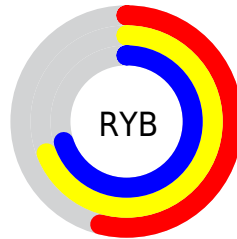
The Hex color **89B38B** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B389B1**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **BFEB1**, and **567E59** is the 20% darker color. If you saturate the color by 10%, you get **77B37A**, and if you desaturate by 10%, it is **9BB39C**.

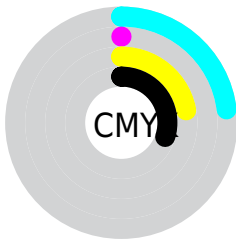
# Distribution



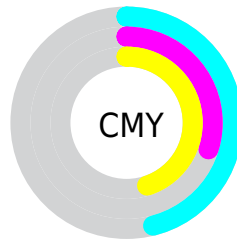
- Red (54%)
- Green (70%)
- Blue (55%)



- Red (54%)
- Yellow (69%)
- Blue (70%)



- Cyan (23%)
- Magenta (0%)
- Yellow (22%)
- Black (30%)



- Cyan (46%)
- Magenta (30%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89B38B 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 89B38B by changing the saturation by 10% instead.





89B38B



89B38B

FFFFFF



6F9871



BFEBBC1



567E59



DBFFDD



3E6541



F8FFF9



264D2B



0E3616



002100



000000



89B38B



89B38B



77B37A



9BB39C

 65B369

 ADB3AD

 53B358

 BFB3BE

 41B347

 D1B3CF

 30B336

 E3B3E0

 1EB325

 F4B3F1

 0CB314

 FFB3FF

 00B309

# Harmonies

## Analogous

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



A5AD7B



89B38B



6EB6A3

# Triad

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



89B38B



83ACD9



DA9796

# Complementary

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



89B38B



B389B1

# 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.



D697AE



89B38B



A6A4D5

# Square

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



89B38B



65B3D0



C49CC6



D29D81

# Rectangle

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



89B38B



61B6B4



C49CC6



DA979E



# Sweetspot

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



89B38B



D8E8D9



B2B389



6C756C



F5F5F5



757575



# Same Dimension

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



89B38B



A7E8AA



89B39F



505951



009907



001A01



# Inverse Universe

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



B389B1



E8A7E5



B3899D



595059



990092



1A0018



# Previews

## White Background



This preview shows how the Hex color 89B38B looks on a white background.

## Color Contrast Check

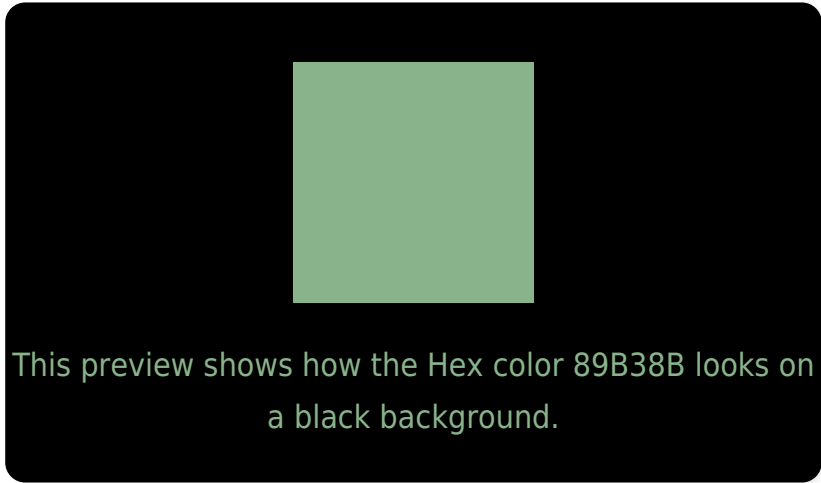
Large Text (above 18pt) WCAG AA × Fail

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

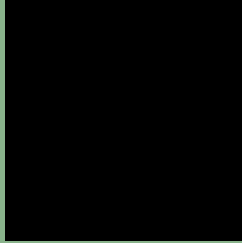
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 89B38B Background



This preview shows how black text looks on a background with the Hex color 89B38B.



This preview shows how white text looks on a background with the Hex color 89B38B.

# Color Blindness Simulation

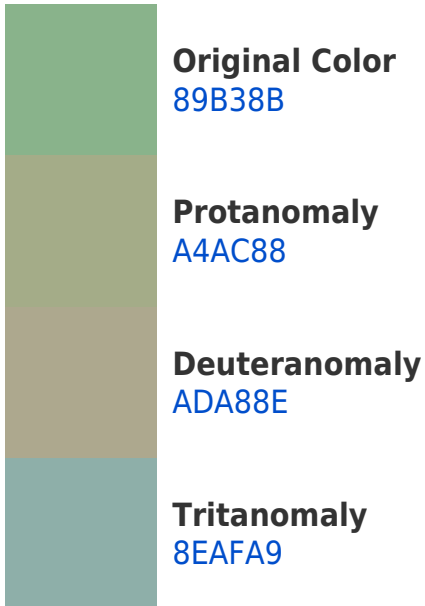
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

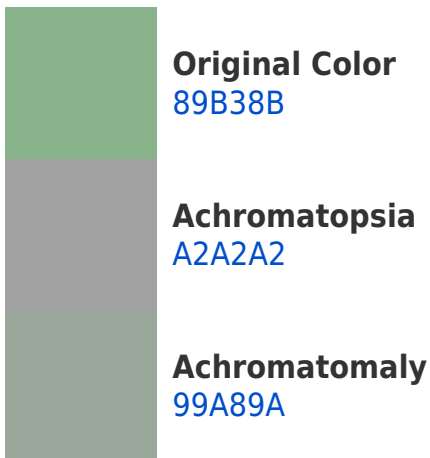




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89B38B 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 #89B38B looks like.

```
.text, #text, p{  
    color:#89B38B  
}
```

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 #89B38B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89B38B
}
```

## Border

The CSS property to change the border of an element to Hex 89B38B 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
#89B38B }
```

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

```
.border{ border-color:#89B38B }
```

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

Here you see how a box with a 4 pixel #89B38B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89B38B; -webkit-box-shadow:4px 4px  
4px 4px #89B38B; box-shadow:4px 4px 4px  
4px #89B38B }
```

# Background

The CSS property to change the background color of an element to Hex 89B38B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89B38B }
```

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

```
.background{ background-color:#89B38B }
```

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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