

# Converting Colors

Hex(89BA8D)

Have a look what the booklet for  
Hex(89BA8D) contains.

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# **Color**

**Hex(89BA8D)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 89BA8D                       |
| RGB         | 137, 186, 141                |
| RGB Percent | 54%, 73%, 55%                |
| CMY         | 0.4627, 0.2706, 0.4471       |
| CMYK        | 0.26, 0.00, 0.24, 0.27       |
| HSL         | 125°, 26%, 63%               |
| HSV         | 125°, 26%, 73%               |
| XYZ         | 32.6832, 42.3593, 31.6529    |
| YIQ         | 166.2190, -14.7590, -24.3830 |

# Conversions

## Conversions Part 2

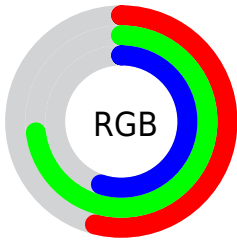
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">137, 182, 186</a>                    |
| Decimal                             | <a href="#">9026189</a>                          |
| CIELab                              | <a href="#">71.12, -25.21, 17.71</a>             |
| CIELCh                              | <a href="#">71, 30.815, 144.911</a>              |
| Yxy                                 | <a href="#">42.3593, 0.3063,<br/>0.3970</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4287216269<br/>(0xFF89BA8D)</a>      |
| YUV                                 | <a href="#">166.2190, -12.4330,<br/>-25.6251</a> |
| Hunter-Lab                          | <a href="#">65.0840, -24.2599,<br/>16.7238</a>   |

# Details

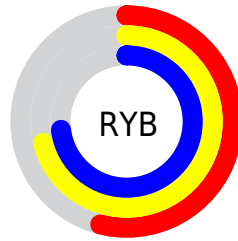
The Hex color **89BA8D** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BA89B6**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **BFF2C3**, and **56855B** is the 20% darker color. If you saturate the color by 10%, you get **76BA7C**, and if you desaturate by 10%, it is **9CBA9E**.

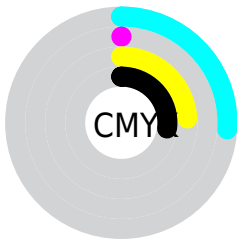
# Distribution



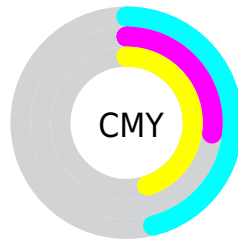
- Red (54%)
- Green (73%)
- Blue (55%)



- Red (54%)
- Yellow (71%)
- Blue (73%)



- Cyan (26%)
- Magenta (0%)
- Yellow (24%)
- Black (27%)



- Cyan (46%)
- Magenta (27%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89BA8D 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 89BA8D by changing the saturation by 10% instead.



 89BA8D

 89BA8D

FFFFFF

 6F9F73

 BFF2C3

 56855B

 DCFFDF

 3D6B43

 F8FFFB

 25532C

 0B3B17

 002500

 000800

 000000

 89BA8D

 89BA8D

 76BA7C

 9CBA9E

 64BA6B

 AEBAAF

 51BA5A

 C1BAC0

 3FBA49

 D3BAD1

 2CBA38

 E6BAE2

 19BA27

 F9BAF3

 07BA15

 FFBAFF

 00BA0F

# Harmonies

## Analogous

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



A9B47B



89BA8D



69BDA8

# Triad

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



89BA8D



82B2E5



E69A98

# Complementary

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



89BA8D



BA89B6

# 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.



E29AB4



89BA8D



ABA9E1

# Square

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



89BA8D



5EB9DB



CD9FCF



DCA181

# Rectangle

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



89BA8D



59BEBC



CD9FCF



E699A1



# Sweetspot

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



89BA8D



DFF2E0



B7BA89



6E7A6F



FAFAFA



7A7A7A

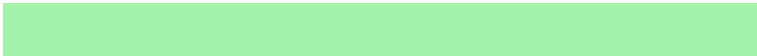


# Same Dimension

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



89BA8D



A5F2AB



89BAA5



535C53



009C0D



001C02



# Inverse Universe

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



BA89B6



F2A5EC



BA899E



5C535B



9C008F



1C001A



# Previews

## White Background



This preview shows how the Hex color 89BA8D 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 89BA8D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

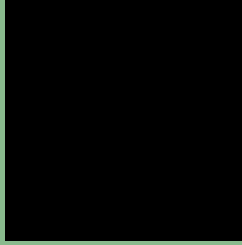
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 89BA8D Background



This preview shows how black text looks on a background with the Hex color 89BA8D.

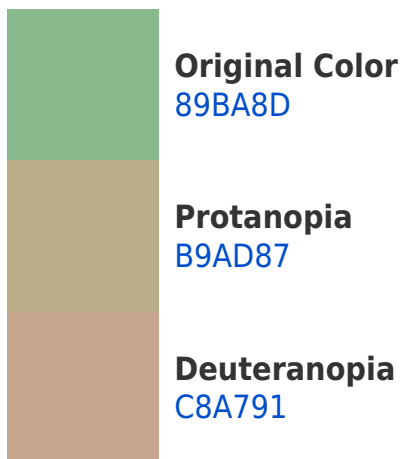


This preview shows how white text looks on a background with the Hex color 89BA8D.

# 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](#).

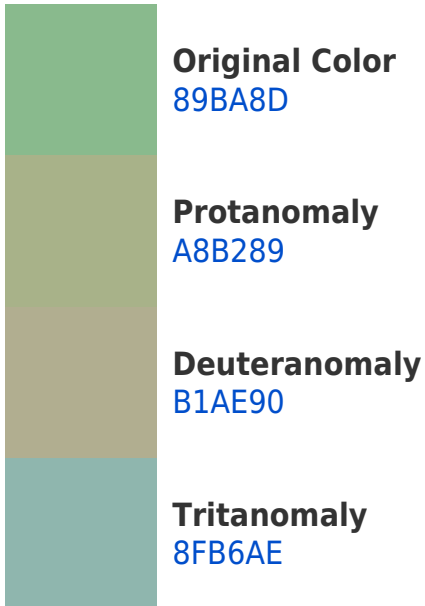
## Dichromacy



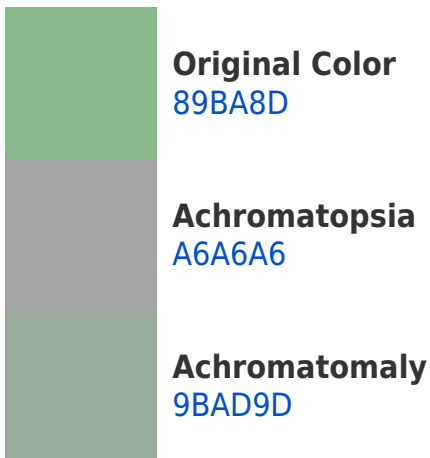


**Tritanopia**  
92B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89BA8D 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 #89BA8D looks like.

```
.text, #text, p{  
    color:#89BA8D  
}
```

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 #89BA8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89BA8D
}
```

## Border

The CSS property to change the border of an element to Hex 89BA8D 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
#89BA8D }
```

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

```
.border{ border-color:#89BA8D }
```

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

Here you see how a box with a 4 pixel #89BA8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89BA8D; -webkit-box-shadow:4px 4px  
4px 4px #89BA8D; box-shadow:4px 4px 4px  
4px #89BA8D }
```

# Background

The CSS property to change the background color of an element to Hex 89BA8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89BA8D }
```

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

```
.background{ background-color:#89BA8D }
```

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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