

# Converting Colors

Hex(89B782)

Have a look what the booklet for  
Hex(89B782) contains.

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**Color**

**Hex(89B782)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89B782
RGB	137, 183, 130
RGB Percent	54%, 72%, 51%
CMY	0.4627, 0.2824, 0.4902
CMYK	0.25, 0.00, 0.29, 0.28
HSL	112°, 27%, 61%
HSV	112°, 29%, 72%
XYZ	31.2793, 40.7970, 27.3451
YIQ	163.2040, -10.4030, -26.2350

# Conversions

## Conversions Part 2

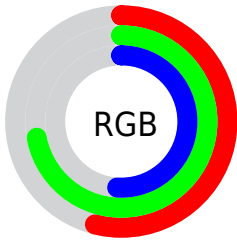
Format	Color
<a href="#">RYB</a>	<a href="#">130, 183, 176</a>
Decimal	<a href="#">9025410</a>
CIELab	<a href="#">70.03, -25.63, 22.15</a>
CIELCh	<a href="#">70, 33.875, 139.166</a>
Yxy	<a href="#">40.7970, 0.3146, 0.4103</a>
Android (android.graphics.Color)	<a href="#">4287215490 (0xFF89B782)</a>
YUV	<a href="#">163.2040, -16.3696, -22.9809</a>
Hunter-Lab	<a href="#">63.8726, -24.3631, 19.3276</a>

# Details

The Hex color **89B782** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B082B7**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **BFEFB7**, and **568250** is the 20% darker color. If you saturate the color by 10%, you get **79B770**, and if you desaturate by 10%, it is **99B794**.

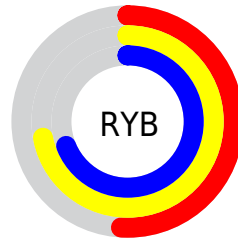
# Distribution



Red (54%)

Green (72%)

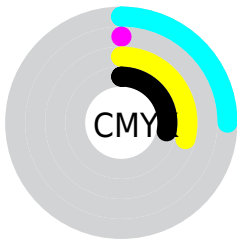
Blue (51%)



Red (51%)

Yellow (72%)

Blue (69%)

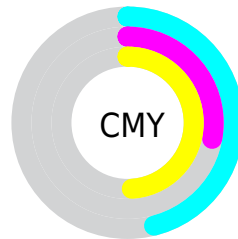


Cyan (25%)

Magenta (0%)

Yellow (29%)

Black (28%)



Cyan (46%)

Magenta (28%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89B782 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 89B782 by changing the saturation by 10% instead.



 89B782

 89B782

FFFFFF

 6F9C69

 BFEFB7

 568250

 DCFFD3

 3D6839

 F8FEEF

 255022

 0B390D

 002300

 000000

 89B782

 89B782

 79B770

 99B794

 69B75D

 A9B7A7

 59B74B

 B9B7B9

 49B739

 C9B7CB

 3AB727

 D8B7DD

 2AB714

 E8B7F0

 1AB702

 F8B7FF

 18B700

 FFB7FF

# Harmonies

## Analogous

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



ACAF70



89B782



64BB9F

# Triad

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



89B782



6FB1E7



E89498

# Complementary

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



89B782



B082B7

# 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.



E095B8



89B782



9FA7E5

# Square

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



89B782



45B9D9



C79CD4



E09B7E

# Rectangle

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



89B782



4CBCB4



C79CD4



E794A3



# Sweetspot

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



89B782



DBEDD8



B7B082



6C786B



F7F7F7



787878



# Same Dimension

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



89B782



A5ED9A



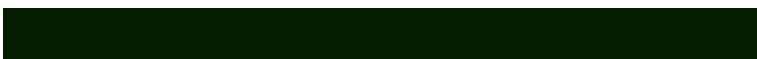
82B795



545C53



159C00



041C00



# Inverse Universe

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



B082B7



E29AED



B782A4



5B535C



87009C



18001C



# Previews

## White Background



This preview shows how the Hex color 89B782 looks on a white background.

## Color Contrast Check

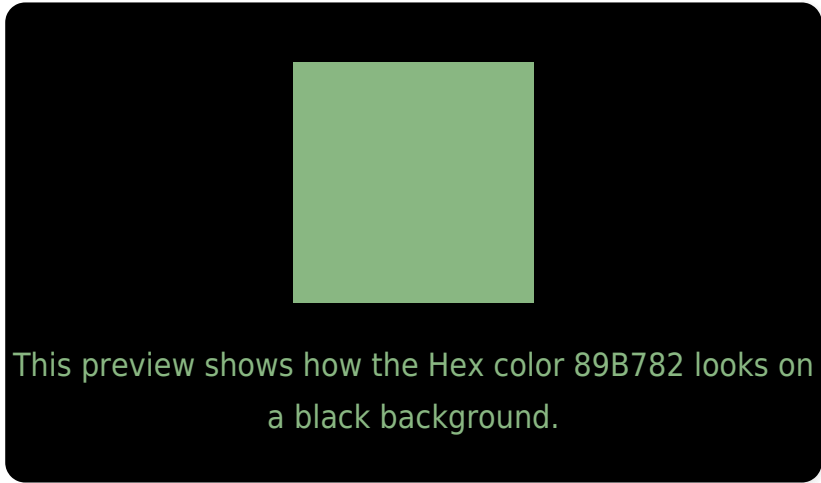
Large Text (above 18pt) WCAG AA × Fail

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

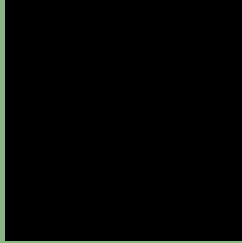
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 89B782 Background



This preview shows how black text looks on a background with the Hex color 89B782.

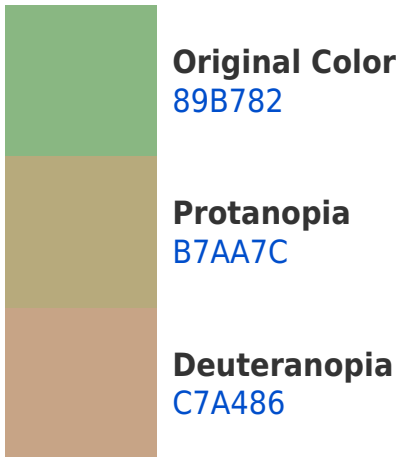


This preview shows how white text looks on a background with the Hex color 89B782.

# 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](#).

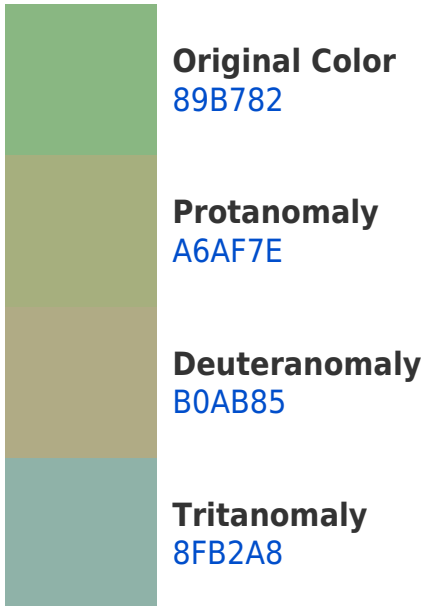
## Dichromacy



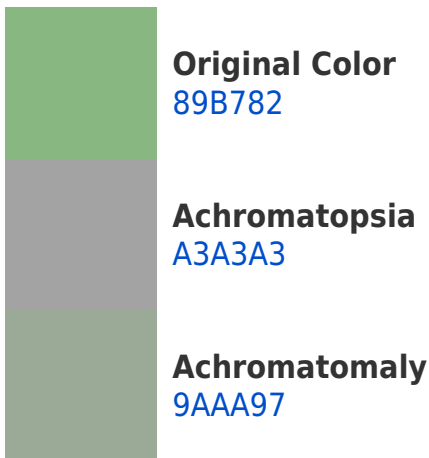


**Tritanopia**  
93AFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89B782 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 #89B782 looks like.

```
.text, #text, p{  
    color:#89B782  
}
```

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 #89B782 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89B782
}
```

## Border

The CSS property to change the border of an element to Hex 89B782 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
#89B782 }
```

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

```
.border{ border-color:#89B782 }
```

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

Here you see how a box with a 4 pixel #89B782 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89B782; -webkit-box-shadow:4px 4px  
4px 4px #89B782; box-shadow:4px 4px 4px  
4px #89B782 }
```

# Background

The CSS property to change the background color of an element to Hex 89B782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89B782 }
```

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

```
.background{ background-color:#89B782 }
```

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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