

# Converting Colors

Hex(89A88E)

Have a look what the booklet for  
Hex(89A88E) contains.

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# Color

**Hex(89A88E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89A88E
RGB	137, 168, 142
RGB Percent	54%, 66%, 56%
CMY	0.4627, 0.3412, 0.4431
CMYK	0.18, 0.00, 0.15, 0.34
HSL	130°, 15%, 60%
HSV	130°, 18%, 66%
XYZ	29.2016, 35.2766, 30.8612
YIQ	155.7670, -10.1300, -14.6580

# Conversions

## Conversions Part 2

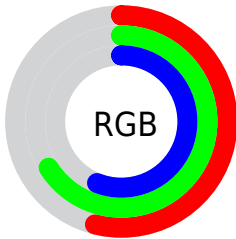
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">137, 164, 168</a>
Decimal	<a href="#">9021582</a>
CIELab	<a href="#">65.96, -15.91, 9.94</a>
CIELCh	<a href="#">66, 18.756, 147.994</a>
Yxy	<a href="#">35.2766, 0.3063, 0.3700</a>
Android (android.graphics.Color)	<a href="#">4287211662 (0xFF89A88E)</a>
YUV	<a href="#">155.7670, -6.7871, -16.4587</a>
Hunter-Lab	<a href="#">59.3941, -16.1786, 10.7688</a>

# Details

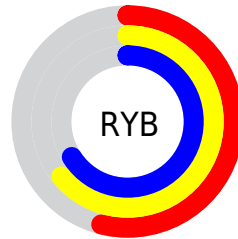
The Hex color **89A88E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A889A3**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **BFD4C4**, and **57745C** is the 20% darker color. If you saturate the color by 10%, you get **78A880**, and if you desaturate by 10%, it is **9AA89C**.

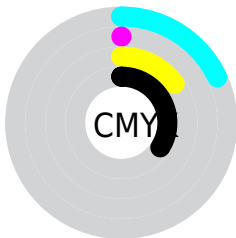
# Distribution



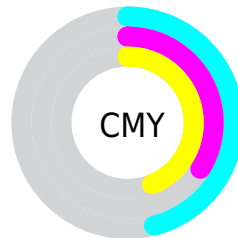
- Red (54%)
- Green (66%)
- Blue (56%)



- Red (54%)
- Yellow (64%)
- Blue (66%)



- Cyan (18%)
- Magenta (0%)
- Yellow (15%)
- Black (34%)



- Cyan (46%)
- Magenta (34%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89A88E 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 89A88E by changing the saturation by 10% instead.





89A88E



89A88E

FFFFFF



6F8E74



BFD4C4



57745C



DBFCE0



3F5B44



F7FFFC



28442E



122D19



001A00



000000



89A88E



89A88E



78A880



9AA89C

 67A872

 ABA8AA

 57A864

 BBA8B8

 46A856

 CCA8C6

 35A848

 DDA8D4

 24A839

 EEA8E3

 13A82B

 FFA8F1

 03A81D

 FFA8FF

 00A81B

# Harmonies

## Analogous

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



9CA482



89A88E



79AA9E

# Triad

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



89A88E



8BA2C2



C39591

# Complementary

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



89A88E



A889A3

# 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.



C195A2



89A88E



A29CBE

# Square

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



89A88E



79A7BC



B597B2



BC9984

# Rectangle

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



89A88E



73AAAA



B597B2



C39597



# Sweetspot

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



89A88E



CEDBD0



A3A889



666E67



EDEDED



6E6E6E



# Same Dimension

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



89A88E



ABDBB3



89A89D



4C544D



009418



001403



# Inverse Universe

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



A889A3



DBABD4



A88994



544C53



94007C



140011



# Previews

## White Background



This preview shows how the Hex color 89A88E looks on a white background.

## Color Contrast Check

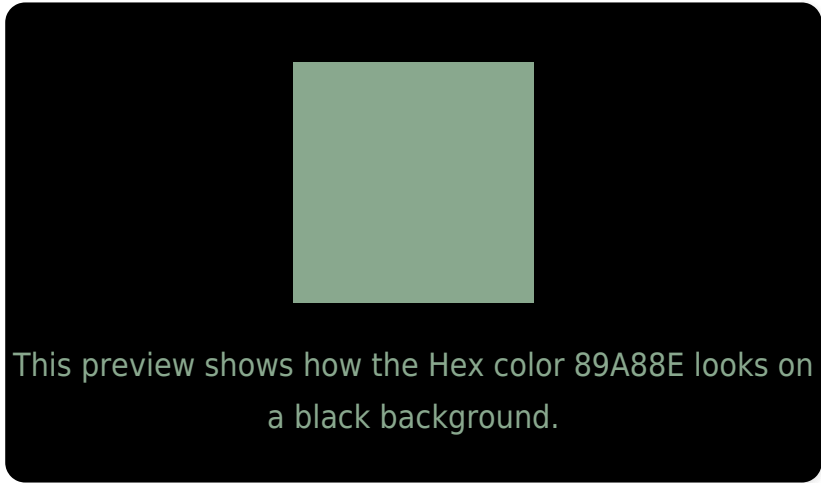
Large Text (above 18pt) WCAG AA × Fail

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

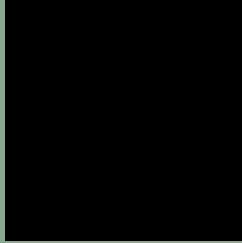
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 89A88E Background



This preview shows how black text looks on a background with the Hex color 89A88E.

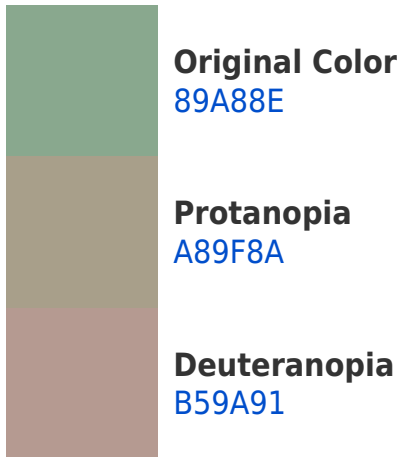


This preview shows how white text looks on a background with the Hex color 89A88E.

# 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](#).

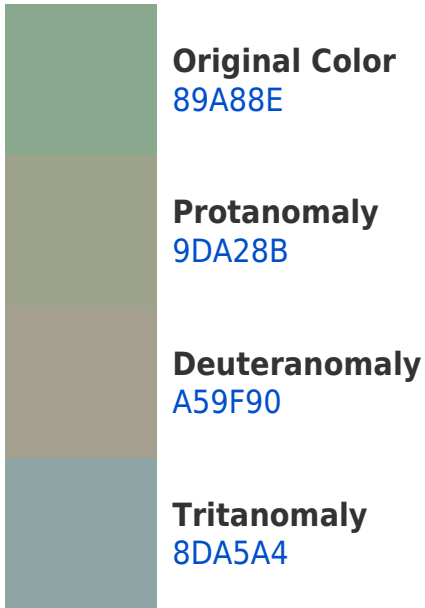
## Dichromacy



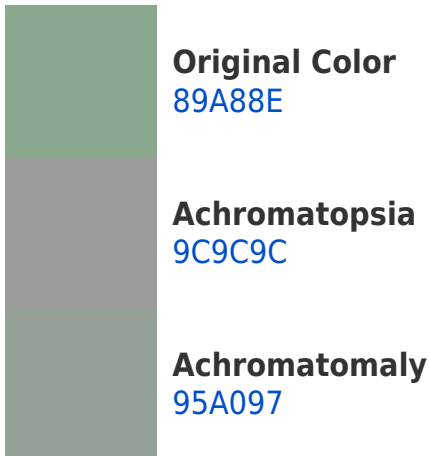


**Tritanopia**  
8FA3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89A88E 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 #89A88E looks like.

```
.text, #text, p{  
    color:#89A88E  
}
```

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 #89A88E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89A88E
}
```

## Border

The CSS property to change the border of an element to Hex 89A88E 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
#89A88E }
```

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

```
.border{ border-color:#89A88E }
```

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

Here you see how a box with a 4 pixel #89A88E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89A88E; -webkit-box-shadow:4px 4px  
4px 4px #89A88E; box-shadow:4px 4px 4px  
4px #89A88E }
```

# Background

The CSS property to change the background color of an element to Hex 89A88E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89A88E }
```

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

```
.background{ background-color:#89A88E }
```

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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