

# Converting Colors

Hex(89A78D)

Have a look what the booklet for  
Hex(89A78D) contains.

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# **Color**

**Hex(89A78D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	89A78D
RGB	137, 167, 141
RGB Percent	54%, 65%, 55%
CMY	0.4627, 0.3451, 0.4471
CMYK	0.18, 0.00, 0.16, 0.35
HSL	128°, 15%, 60%
HSV	128°, 18%, 65%
XYZ	28.9430, 34.8789, 30.4061
YIQ	155.0660, -9.5340, -14.4460

# Conversions

## Conversions Part 2

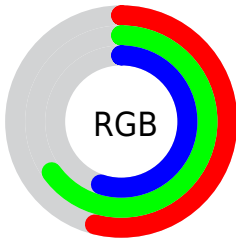
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">137, 163, 167</a>
Decimal	<a href="#">9021325</a>
CIELab	<a href="#">65.65, -15.57, 10.06</a>
CIELCh	<a href="#">66, 18.537, 147.145</a>
Yxy	<a href="#">34.8789, 0.3072, 0.3702</a>
Android (android.graphics.Color)	<a href="#">4287211405 (0xFF89A78D)</a>
YUV	<a href="#">155.0660, -6.9345, -15.8439</a>
Hunter-Lab	<a href="#">59.0583, -15.8739, 10.8154</a>

# Details

The Hex color **89A78D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A789A3**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **BFDEC3**, and **57735B** is the 20% darker color. If you saturate the color by 10%, you get **78A77F**, and if you desaturate by 10%, it is **9AA79B**.

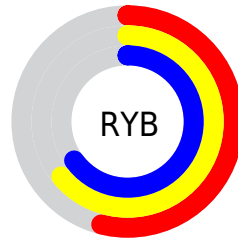
# Distribution



Red (54%)

Green (65%)

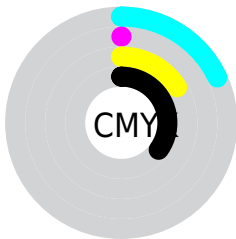
Blue (55%)



Red (54%)

Yellow (64%)

Blue (65%)

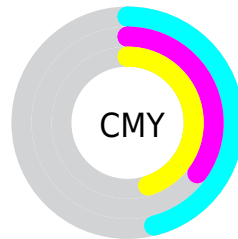


Cyan (18%)

Magenta (0%)

Yellow (16%)

Black (35%)



Cyan (46%)

Magenta (35%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89A78D 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 89A78D by changing the saturation by 10% instead.



 89A78D

 89A78D

FFFFFF

 6F8D73

 BFDEC3

 57735B

 DBFBDF

 3F5A43

 F7FFFB

 28432D

 132C18

 001900

 000000

 89A78D

 89A78D

 78A77F

 9AA79B

 68A770

 AAA7AA

 57A762

 BBA7B8

 46A753

 CCA7C7

 35A745

 DCA7D5

 25A736

 EDA7E4

 14A728

 FEA7F2

 03A719

 FFA7FF

 00A716

# Harmonies

## Analogous

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



9CA382



89A78D



79A99D

# Triad

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



89A78D



8AA1C0



C29591

# Complementary

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



89A78D



A789A3

# 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.



BF94A2



89A78D



A09CBD

# Square

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



89A78D



78A6BB



B497B2



BB9884

# Rectangle

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



89A78D



73A9A9



B497B2



C29496



# Sweetspot

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



89A78D



CED9CF



A3A789



676E68



EDEDED



6E6E6E



# Same Dimension

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



89A78D



A9D9AF



89A79C



4C544D



009414



001403



# Inverse Universe

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



A789A3



D9A9D2



A78994



544C53



940080

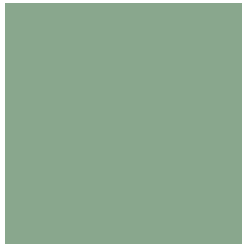


140012



# Previews

## White Background



This preview shows how the Hex color 89A78D looks on a white background.

## Color Contrast Check

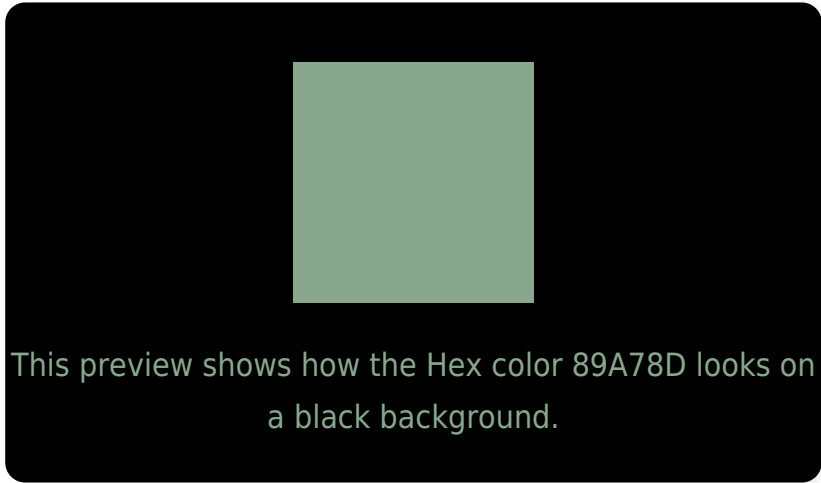
Large Text (above 18pt) WCAG AA × Fail

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

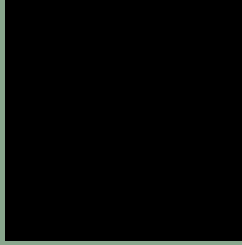
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 89A78D Background



This preview shows how black text looks on a background with the Hex color 89A78D.

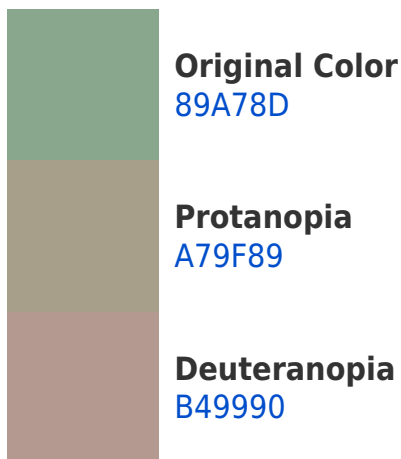


This preview shows how white text looks on a background with the Hex color 89A78D.

# 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](#).

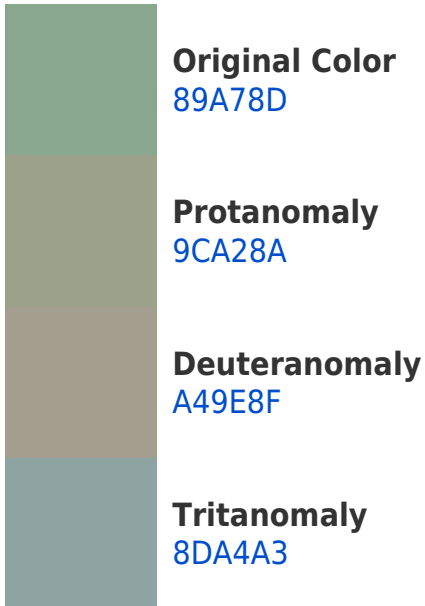
## Dichromacy



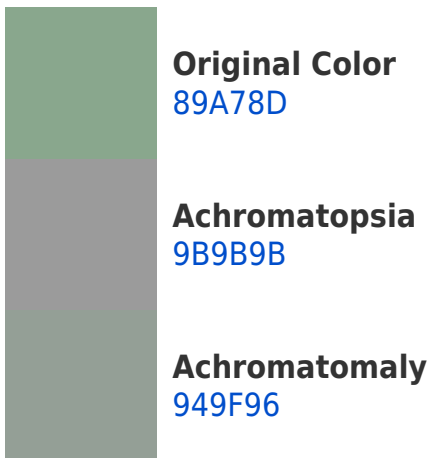


**Tritanopia**  
8FA2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89A78D 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 #89A78D looks like.

```
.text, #text, p{  
    color:#89A78D  
}
```

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 #89A78D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89A78D
}
```

## Border

The CSS property to change the border of an element to Hex 89A78D 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
#89A78D }
```

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

```
.border{ border-color:#89A78D }
```

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

Here you see how a box with a 4 pixel #89A78D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89A78D; -webkit-box-shadow:4px 4px  
4px 4px #89A78D; box-shadow:4px 4px 4px  
4px #89A78D }
```

# Background

The CSS property to change the background color of an element to Hex 89A78D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89A78D }
```

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

```
.background{ background-color:#89A78D }
```

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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