

# Converting Colors

Hex(89A886)

Have a look what the booklet for  
Hex(89A886) contains.

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# **Color**

**Hex(89A886)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89A886
RGB	137, 168, 134
RGB Percent	54%, 66%, 53%
CMY	0.4627, 0.3412, 0.4745
CMYK	0.18, 0.00, 0.20, 0.34
HSL	115°, 16%, 59%
HSV	115°, 20%, 66%
XYZ	28.6222, 35.0449, 27.8100
YIQ	154.8550, -7.5620, -17.1460

# Conversions

## Conversions Part 2

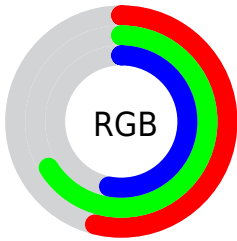
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 168, 165
Decimal	9021574
CIELab	65.78, -17.38, 14.11
CIELCh	66, 22.385, 140.920
Yxy	35.0449, 0.3129, 0.3831
Android (android.graphics.Color)	4287211654 (0xFF89A886)
YUV	154.8550, -10.2815, -15.6588
Hunter-Lab	59.1987, -17.2940, 13.5862

# Details

The Hex color **89A886** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A586A8**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **BFDfBB**, and **577454** is the 20% darker color. If you saturate the color by 10%, you get **7AA875**, and if you desaturate by 10%, it is **98A897**.

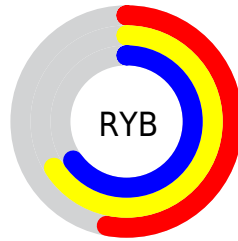
# Distribution



Red (54%)

Green (66%)

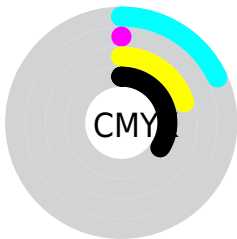
Blue (53%)



Red (53%)

Yellow (66%)

Blue (65%)

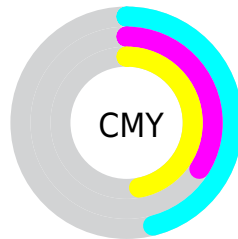


Cyan (18%)

Magenta (0%)

Yellow (20%)

Black (34%)



Cyan (46%)

Magenta (34%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89A886 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 89A886 by changing the saturation by 10% instead.





89A886



89A886

FFFFFF



6F8E6D



BFD FBB



577454



DBFC D7



3F5B3D



F7FFF3



284427



122D12



001A00



000000



89A886



89A886



7AA875



98A897

 6AA864

 A8A8A8

 5BA854

 B7A8B8

 4CA843

 C6A8C9

 3CA832

 D6A8DA

 2DA821

 E5A8EB

 1EA810

 F4A8FC

 0FA800

 FFA8FF

# Harmonies

## Analogous

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



A0A37A



89A886



74AB99

# Triad

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



89A886



80A4C7



C99292

# Complementary

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



89A886



A586A8

# 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.



C492A7



89A886



9B9DC5

# Square

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



89A886



6BA9BE



B496B9



C39681

# Rectangle

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



89A886



6AABA7



B496B9



C99199



# Sweetspot

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



89A886



CFDBCE



A8A586



676E66



EDEDED



6E6E6E



# Same Dimension

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



89A886



ABDBA7



86A894



4C544C



0D9400



021400



# Inverse Universe

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



A586A8



D7A7DB



A8869A



534C54



870094



130014



# Previews

## White Background



This preview shows how the Hex color 89A886 looks on a white background.

## Color Contrast Check

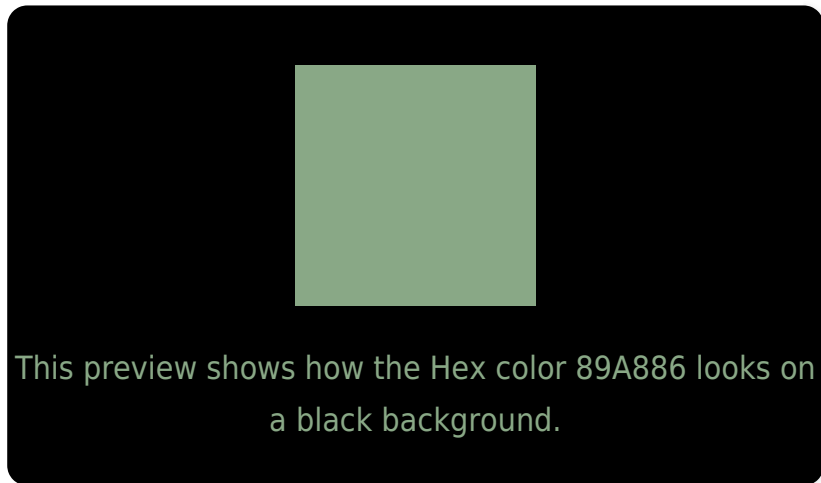
Large Text (above 18pt) WCAG AA × Fail

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

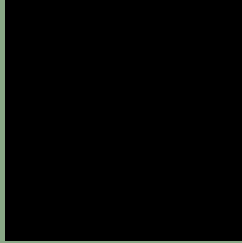
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 89A886 Background



This preview shows how black text looks on a background with the Hex color 89A886.

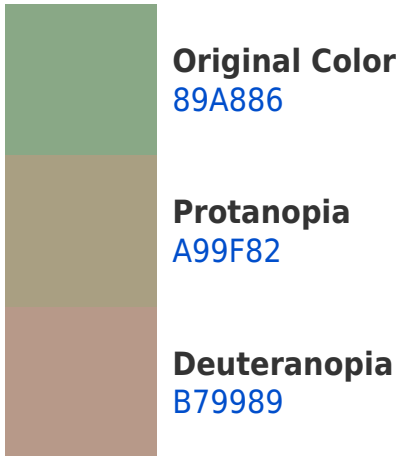


This preview shows how white text looks on a background with the Hex color 89A886.

# 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



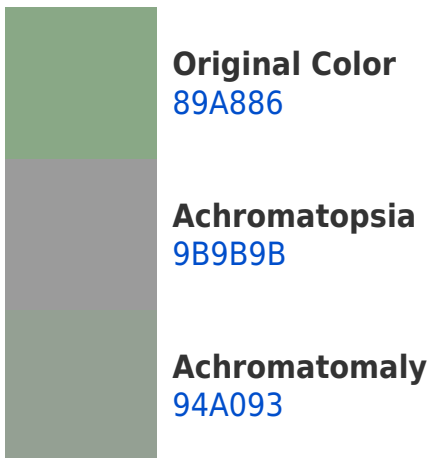


**Tritanopia**  
90A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89A886 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 #89A886 looks like.

```
.text, #text, p{  
    color:#89A886  
}
```

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 #89A886 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89A886
}
```

## Border

The CSS property to change the border of an element to Hex 89A886 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
#89A886 }
```

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

```
.border{ border-color:#89A886 }
```

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

Here you see how a box with a 4 pixel #89A886 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89A886; -webkit-box-shadow:4px 4px  
4px 4px #89A886; box-shadow:4px 4px 4px  
4px #89A886 }
```

# Background

The CSS property to change the background color of an element to Hex 89A886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89A886 }
```

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

```
.background{ background-color:#89A886 }
```

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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