

# Converting Colors

Hex(89AE92)

Have a look what the booklet for  
Hex(89AE92) contains.

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# **Color**

**Hex(89AE92)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89AE92
RGB	137, 174, 146
RGB Percent	54%, 68%, 57%
CMY	0.4627, 0.3176, 0.4275
CMYK	0.21, 0.00, 0.16, 0.32
HSL	135°, 19%, 61%
HSV	135°, 21%, 68%
XYZ	30.6409, 37.6658, 32.8494
YIQ	159.7450, -13.0640, -16.5520

# Conversions

## Conversions Part 2

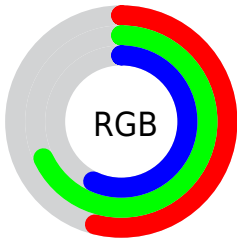
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">137, 167, 174</a>
Decimal	<a href="#">9023122</a>
CIELab	<a href="#">67.77, -18.25, 10.30</a>
CIELCh	<a href="#">68, 20.958, 150.567</a>
Yxy	<a href="#">37.6658, 0.3029, 0.3724</a>
Android (android.graphics.Color)	<a href="#">4287213202 (0xFF89AE92)</a>
YUV	<a href="#">159.7450, -6.7763, -19.9474</a>
Hunter-Lab	<a href="#">61.3725, -18.2837, 11.2259</a>

# Details

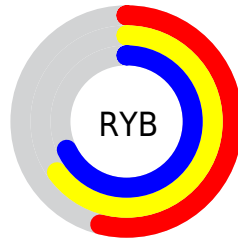
The Hex color **89AE92** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **AE89A5**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BFE6C8**, and **56795F** is the 20% darker color. If you saturate the color by 10%, you get **78AE85**, and if you desaturate by 10%, it is **9AAE9F**.

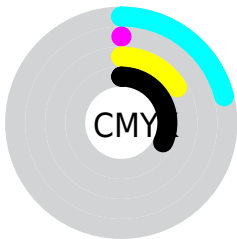
# Distribution



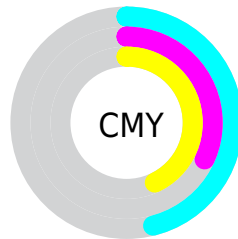
- Red (54%)
- Green (68%)
- Blue (57%)



- Red (54%)
- Yellow (65%)
- Blue (68%)



- Cyan (21%)
- Magenta (0%)
- Yellow (16%)
- Black (32%)



- Cyan (46%)
- Magenta (32%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89AE92 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 89AE92 by changing the saturation by 10% instead.





89AE92



89AE92

FFFFFF



6F9378



BFE6C8



56795F



DBFFE4



3E6148



F8FFFF



274931



11321C



001D02



000000



89AE92



89AE92



78AE85



9AAE9F

■ 66AE78

■ ACAAEC

■ 55AE6A

■ BDAEBA

■ 43AE5D

■ CFAEC7

■ 32AE50

■ E0AED4

■ 21AE43

■ F1AEE1

■ 0FAE36

■ FFAEEE

■ 00AE2A

■ FFAEFB

■ FFAEFF

# Harmonies

## Analogous

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



9FAA84



89AE92



77B0A5

# Triad

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



89AE92



8FA7CB



CC9993

# Complementary

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



89AE92



AE89A5

# 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.



CA98A5



89AE92



A9A0C6

# Square

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



89AE92



79ACC5



BE9AB8



C39E85

# Rectangle

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



89AE92



71B0B2



BE9AB8



CC9899



# Sweetspot

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



89AE92



D5E3D9



A5AE89



6B736D



F2F2F2



737373



# Same Dimension

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



89AE92



A8E3B6



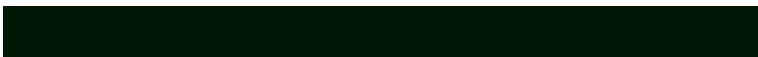
89AEA4



4E5750



009625



001706



# Inverse Universe

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



AE89A5



E3A8D5



AE8993



574E55



960072



170011



# Previews

## White Background



This preview shows how the Hex color 89AE92 looks on a white background.

## Color Contrast Check

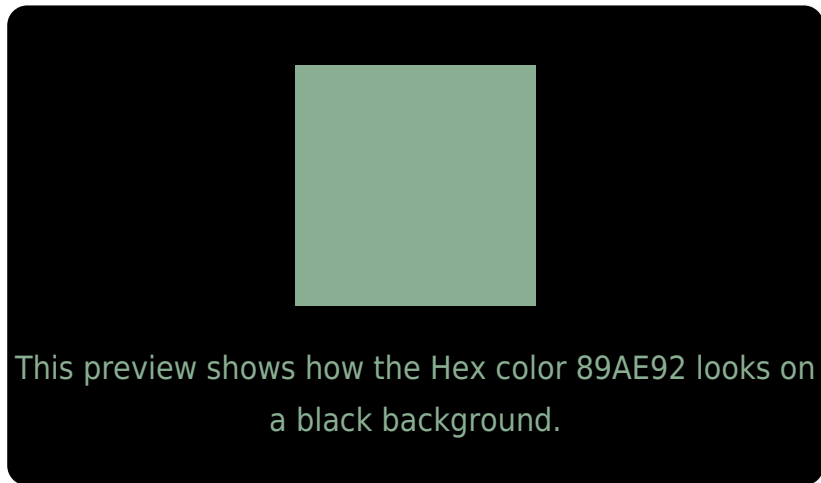
Large Text (above 18pt) WCAG AA × Fail

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

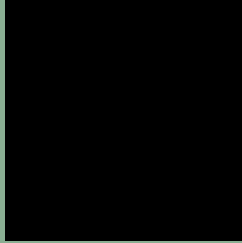
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 89AE92 Background



This preview shows how black text looks on a background with the Hex color 89AE92.

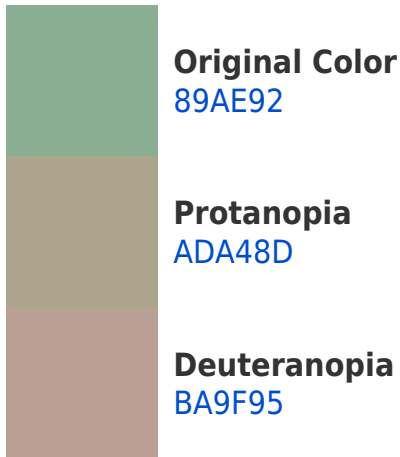


This preview shows how white text looks on a background with the Hex color 89AE92.

# 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](#).

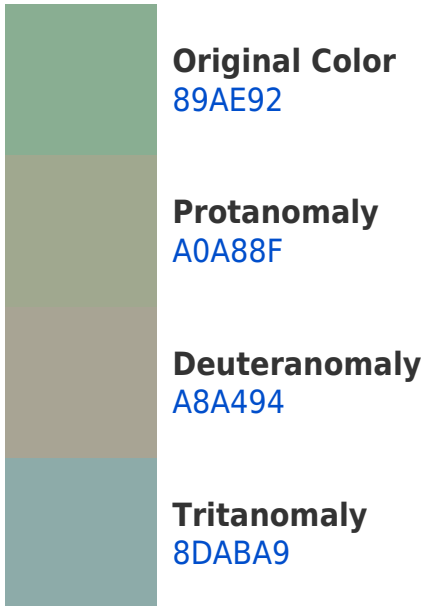
## Dichromacy



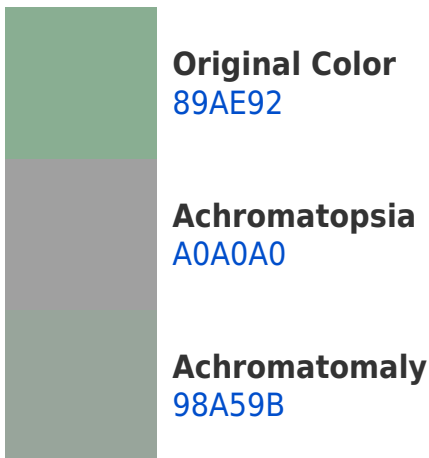


**Tritanopia**  
90A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89AE92 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 #89AE92 looks like.

```
.text, #text, p{  
    color:#89AE92  
}
```

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 #89AE92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89AE92
}
```

## Border

The CSS property to change the border of an element to Hex 89AE92 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
#89AE92 }
```

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

```
.border{ border-color:#89AE92 }
```

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

Here you see how a box with a 4 pixel #89AE92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89AE92; -webkit-box-shadow:4px 4px  
4px 4px #89AE92; box-shadow:4px 4px 4px  
4px #89AE92 }
```

# Background

The CSS property to change the background color of an element to Hex 89AE92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89AE92 }
```

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

```
.background{ background-color:#89AE92 }
```

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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