

# Converting Colors

Hex(89AA98)

Have a look what the booklet for  
Hex(89AA98) contains.

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# **Color**

**Hex(89AA98)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89AA98
RGB	137, 170, 152
RGB Percent	54%, 67%, 60%
CMY	0.4627, 0.3333, 0.4039
CMYK	0.19, 0.00, 0.11, 0.33
HSL	147°, 16%, 60%
HSV	147°, 19%, 67%
XYZ	30.3587, 36.3348, 35.1190
YIQ	158.0810, -13.8900, -12.5940

# Conversions

## Conversions Part 2

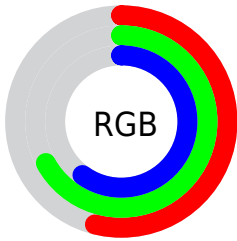
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 160, 170
Decimal	9022104
CIELab	66.77, -15.00, 5.56
CIElCh	67, 16.000, 159.679
Yxy	36.3348, 0.2982, 0.3569
Android (android.graphics.Color)	4287212184 (0xFF89AA98)
YUV	158.0810, -2.9979, -18.4880
Hunter-Lab	60.2784, -15.5869, 7.6517

# Details

The Hex color **89AA98** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AA899B**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **BFE1CE**, and **577665** is the 20% darker color. If you saturate the color by 10%, you get **78AA8F**, and if you desaturate by 10%, it is **9AAAA1**.

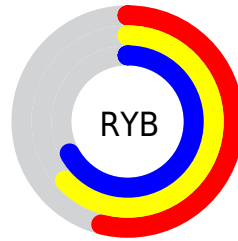
# Distribution



Red (54%)

Green (67%)

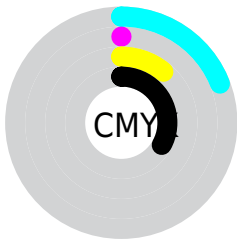
Blue (60%)



Red (54%)

Yellow (63%)

Blue (67%)

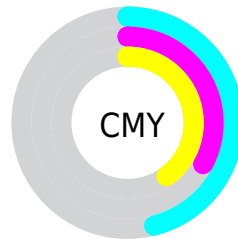


Cyan (19%)

Magenta (0%)

Yellow (11%)

Black (33%)



Cyan (46%)

Magenta (33%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89AA98 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 89AA98 by changing the saturation by 10% instead.





89AA98



89AA98

FFFFFF



6F8F7E



BFE1CE



577665



DBFEEA



3F5D4D



F7FFFF



284536



122F21



001B0B



000000



89AA98



89AA98



78AA8F



9AAAA1

67AA85

ABAAAB

56AA7C

BCAAB4

45AA73

CDAABD

34AA6A

DEAAC6

23AA60

EFAAD0

12AA57

FFAAD9

01AA4E

FFAAE2

00AA4D

FFAAEB

# Harmonies

## Analogous

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



99A78C



89AA98



7EABA7

# Triad

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



89AA98



98A2BF



BF9A91

# Complementary

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



89AA98



AA899B

# 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.



C0989E



89AA98



AB9DB9

# Square

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



89AA98



87A7BD



B99AAD



B79E88

# Rectangle

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



89AA98



7CAAB0



B99AAD



C19995



# Sweetspot

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



89AA98



D1DED7



9BAA89



68706C



F0F0F0



707070



# Same Dimension

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



89AA98



ABDEC2



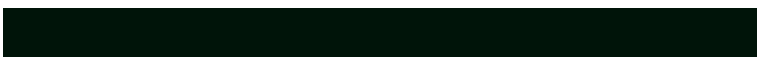
89AAA8



4C5450



009443



001409



# Inverse Universe

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



AA899B



DEABC7



AA898B



544C50



940051



14000B



# Previews

## White Background



This preview shows how the Hex color 89AA98 looks on a white background.

## Color Contrast Check

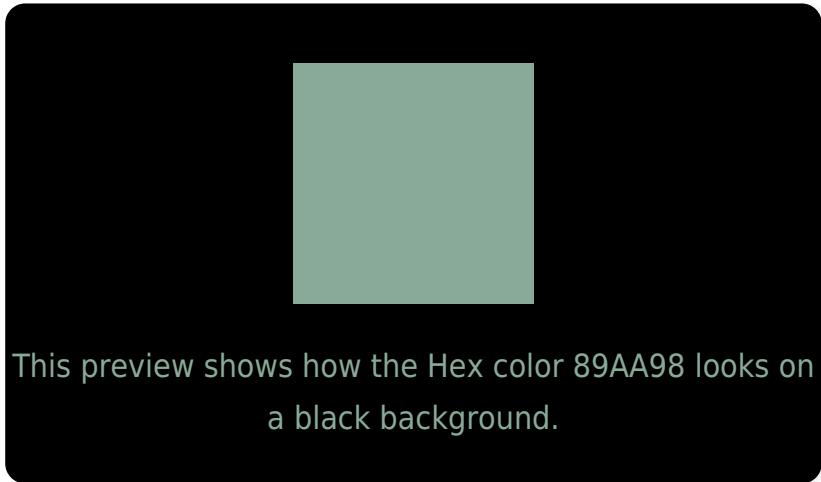
Large Text (above 18pt) WCAG AA × Fail

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

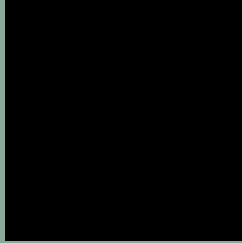
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 89AA98 Background



This preview shows how black text looks on a background with the Hex color 89AA98.

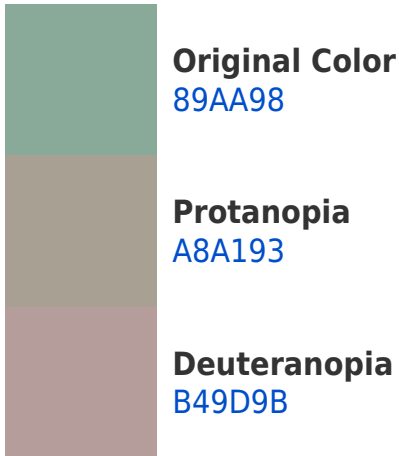


This preview shows how white text looks on a background with the Hex color 89AA98.

# 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](#).

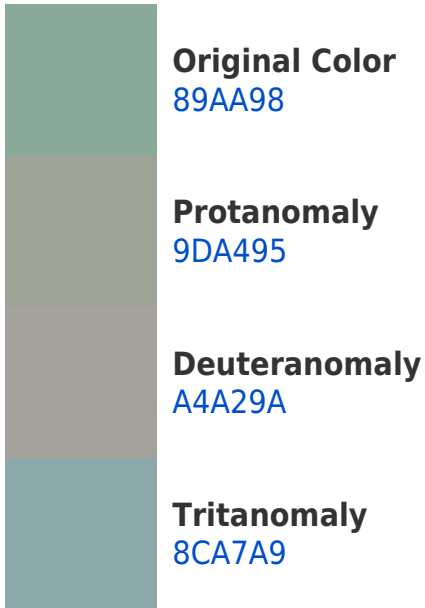
## Dichromacy



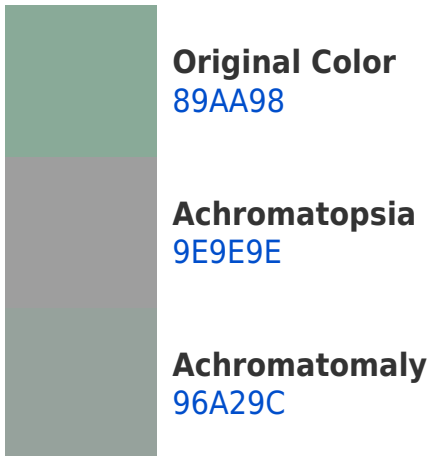


**Tritanopia**  
8EA6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89AA98 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 #89AA98 looks like.

```
.text, #text, p{  
    color:#89AA98  
}
```

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 #89AA98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89AA98
}
```

## Border

The CSS property to change the border of an element to Hex 89AA98 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
#89AA98 }
```

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

```
.border{ border-color:#89AA98 }
```

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

Here you see how a box with a 4 pixel #89AA98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89AA98; -webkit-box-shadow:4px 4px  
4px 4px #89AA98; box-shadow:4px 4px 4px  
4px #89AA98 }
```

# Background

The CSS property to change the background color of an element to Hex 89AA98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89AA98 }
```

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

```
.background{ background-color:#89AA98 }
```

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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