

# Converting Colors

Hex(8AA89C)

Have a look what the booklet for  
Hex(8AA89C) contains.

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# **Color**

**Hex(8AA89C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AA89C
RGB	138, 168, 156
RGB Percent	54%, 66%, 61%
CMY	0.4588, 0.3412, 0.3882
CMYK	0.18, 0.00, 0.07, 0.34
HSL	156°, 15%, 60%
HSV	156°, 18%, 66%
XYZ	30.4846, 35.8088, 36.7576
YIQ	157.6620, -14.0280, -10.0920

# Conversions

## Conversions Part 2

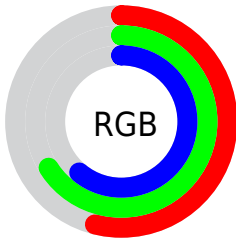
Format	Color
<a href="#">RYB</a>	<a href="#">138, 157, 168</a>
Decimal	<a href="#">9087132</a>
CIELab	<a href="#">66.37, -12.80, 2.76</a>
CIELCh	<a href="#">66, 13.098, 167.819</a>
Yxy	<a href="#">35.8088, 0.2958, 0.3475</a>
Android (android.graphics.Color)	<a href="#">4287277212</a> ( <a href="#">0xFF8AA89C</a> )
YUV	<a href="#">157.6620, -0.8194, -17.2436</a>
Hunter-Lab	<a href="#">59.8405, -13.7874, 5.4689</a>

# Details

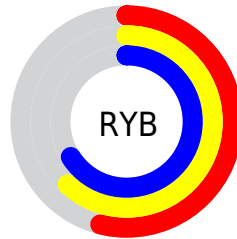
The Hex color **8AA89C** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A88A96**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **C0DFD2**, and **587469** is the 20% darker color. If you saturate the color by 10%, you get **79A895**, and if you desaturate by 10%, it is **9BA8A3**.

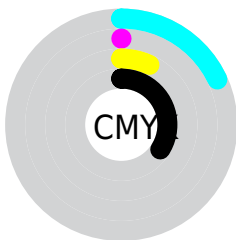
# Distribution



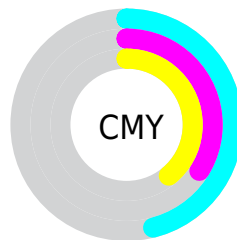
- Red (54%)
- Green (66%)
- Blue (61%)



- Red (54%)
- Yellow (62%)
- Blue (66%)



- Cyan (18%)
- Magenta (0%)
- Yellow (7%)
- Black (34%)



- Cyan (46%)
- Magenta (34%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AA89C 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 8AA89C by changing the saturation by 10% instead.





8AA89C



8AA89C

FFFFFF



708E82



C0DFD2



587469



DCFCEF



405B51



F8FFFF



29443A



132D24



00190F



000000



8AA89C



8AA89C



79A895



9BA8A3

 68A88F

 ACA8A9

 58A888

 BCA8B0

 47A881

 CDA8B7

 36A87A

 DEA8BE

 25A874

 EFA8C4

 14A86D

 FFA8CB

 04A866

 FFA8D2

 00A865

 FFA8D8

# Harmonies

## Analogous

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



96A691



8AA89C



84A8A8

# Triad

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



8AA89C



9EA0B8



B89B90

# Complementary

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



8AA89C



A88A96

# 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.



BB999B



8AA89C



AC9CB1

# Square

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



8AA89C



8FA4B8



B69AA7



B09F8B

# Rectangle

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



8AA89C



84A8AF



B69AA7



BA9B93



# Sweetspot

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



8AA89C



D0DBD7



96A88A



676E6B



EDEDED



6E6E6E



# Same Dimension

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



8AA89C



ADDBC9



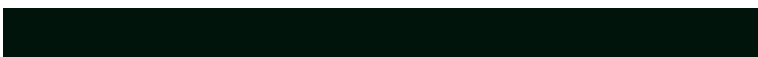
8AA5A8



4C5451



009459



00140C



# Inverse Universe

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



A88A96



DBADC0



A88D8A



544C4F



94003B



140008



# Previews

## White Background



This preview shows how the Hex color 8AA89C looks on a white background.

## Color Contrast Check

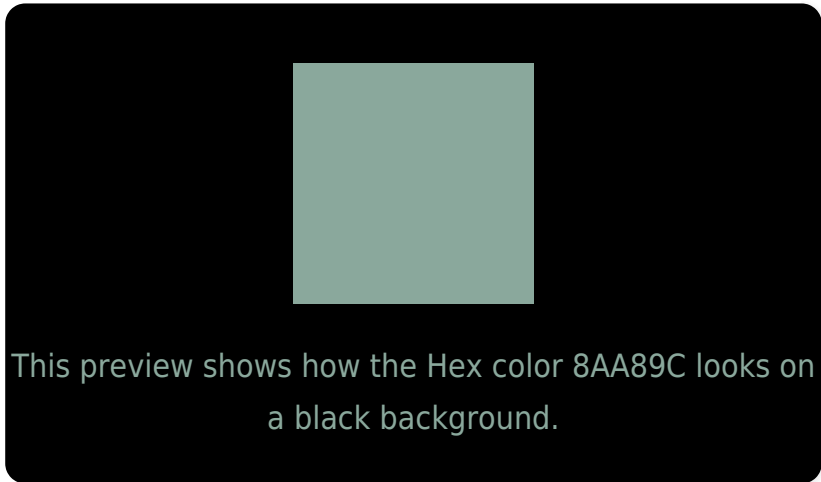
Large Text (above 18pt) WCAG AA × Fail

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

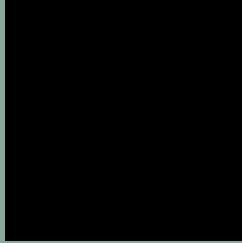
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8AA89C Background



This preview shows how black text looks on a background with the Hex color 8AA89C.

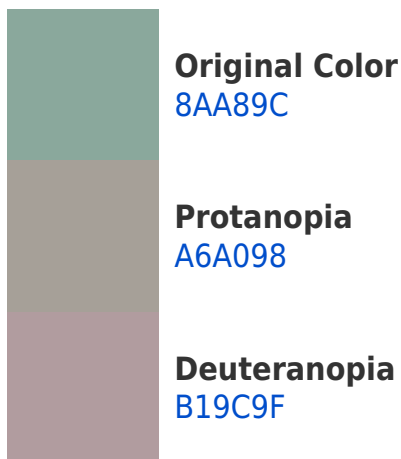


This preview shows how white text looks on a background with the Hex color 8AA89C.

# 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](#).

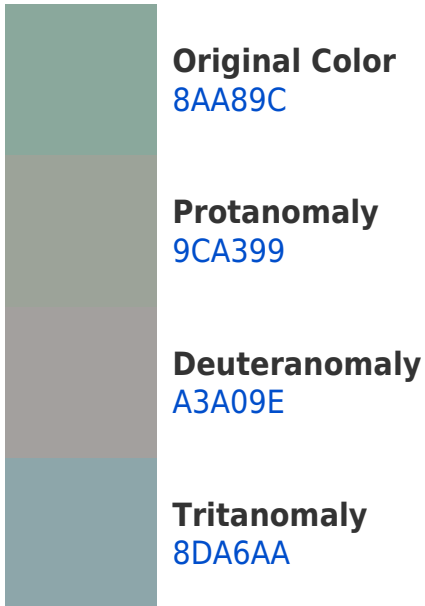
## Dichromacy



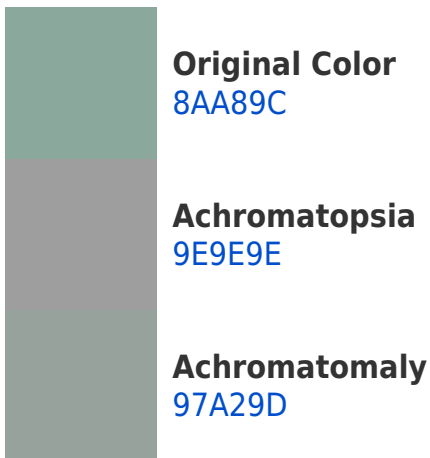


**Tritanopia**  
8EA5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AA89C 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 #8AA89C looks like.

```
.text, #text, p{  
    color:#8AA89C  
}
```

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 #8AA89C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AA89C
}
```

## Border

The CSS property to change the border of an element to Hex 8AA89C 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
#8AA89C }
```

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

```
.border{ border-color:#8AA89C }
```

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

Here you see how a box with a 4 pixel #8AA89C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AA89C; -webkit-box-shadow:4px 4px  
4px 4px #8AA89C; box-shadow:4px 4px 4px  
4px #8AA89C }
```

# Background

The CSS property to change the background color of an element to Hex 8AA89C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AA89C }
```

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

```
.background{ background-color:#8AA89C }
```

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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