

Converting Colors

Hex(899A8B)

Have a look what the booklet for
Hex(899A8B) contains.

Hex(899A8B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(899A8B)

Conversions

Conversions Part 1

Format	Color
Hex	899A8B
RGB	137, 154, 139
RGB Percent	54%, 60%, 55%
CMY	0.4627, 0.3961, 0.4549
CMYK	0.11, 0.00, 0.10, 0.40
HSL	127°, 8%, 57%
HSV	127°, 11%, 60%
XYZ	26.5323, 30.2936, 28.8750
YIQ	147.2070, -5.3170, -8.2690

Conversions

Conversions Part 2

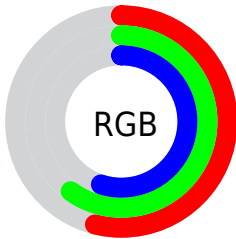
Format	Color
RYB	137, 152, 154
Decimal	9017995
CIELab	61.91, -9.03, 5.83
CIELCh	62, 10.747, 147.162
Yxy	30.2936, 0.3096, 0.3535
Android (android.graphics.Color)	4287208075 (0xFF899A8B)
YUV	147.2070, -4.0461, -8.9515
Hunter-Lab	55.0397, -10.2720, 7.4230

Details

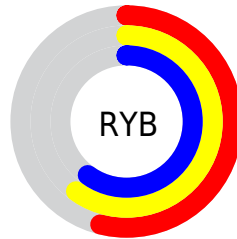
The Hex color **899A8B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9A8998**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **BED0C0**, and **576759** is the 20% darker color. If you saturate the color by 10%, you get **7A9A7D**, and if you desaturate by 10%, it is **989A99**.

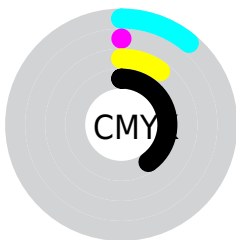
Distribution



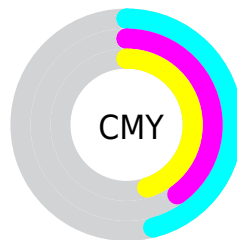
- Red (54%)
- Green (60%)
- Blue (55%)



- Red (54%)
- Yellow (60%)
- Blue (60%)



- Cyan (11%)
- Magenta (0%)
- Yellow (10%)
- Black (40%)



- Cyan (46%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 899A8B 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 899A8B by changing the saturation by 10% instead.



899A8B



899A8B

FFFFFF



708072



BED0C0



576759



DAEDDC



404F42



F7FFF9



2A382C



152317



000D00



000000



899A8B



899A8B



7A9A7D



989A99

■ 6A9A70

■ A89AA6

■ 5B9A62

■ B79AB4

■ 4B9A55

■ C79AC1

■ 3C9A47

■ D69ACF

■ 2D9A39

■ E59ADD

■ 1D9A2C

■ F59AEA

■ 0E9A1E

■ FF9AF8

■ 009A12

■ FF9AFF

Harmonies

Analogous

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



949885



899A8B



819B94

Triad

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



899A8B



8A97A8



AA908D

Complementary

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



899A8B



9A8998

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.



A88F97



899A8B



9693A6

Square

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



899A8B



8199A5



A191A0



A69286

Rectangle

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



899A8B



7E9B9B



A191A0



AA8F90

Sweetspot

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



899A8B



C3C9C4



989A89



626662



E6E6E6



666666

Same Dimension

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



899A8B



AFC9B2



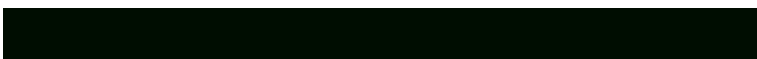
899A93



454D46



008C10



000D01

Inverse Universe

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



9A8998



C9AFC6



9A8990



4D454C



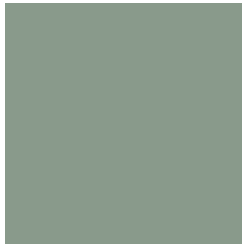
8C007C



0D000B

Previews

White Background



This preview shows how the Hex color 899A8B looks on a white background.

Color Contrast Check

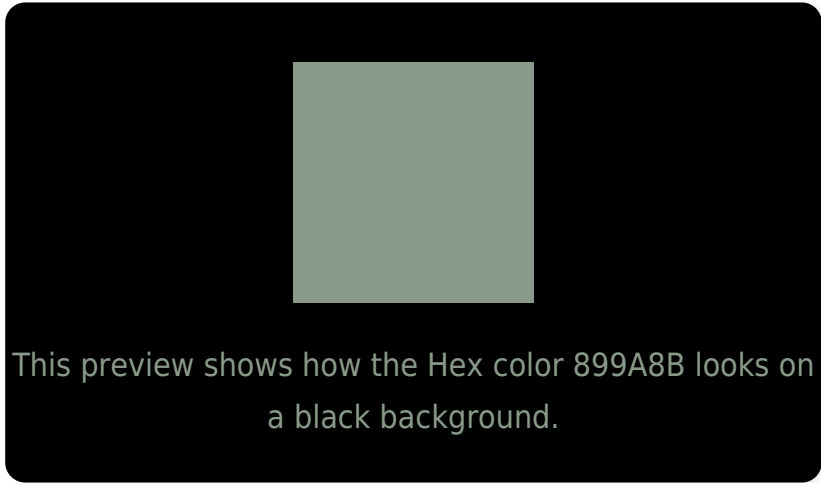
Large Text (above 18pt) WCAG AA × Fail

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

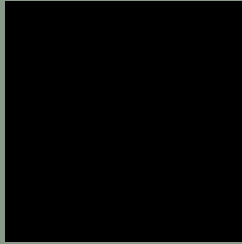
Any Text WCAG AA ✓ Pass

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 899A8B Background



This preview shows how black text looks on a background with the Hex color 899A8B.

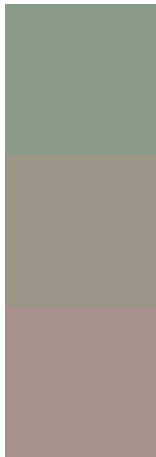


This preview shows how white text looks on a background with the Hex color 899A8B.

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



Original Color
899A8B

Protanopia
9B9588

Deuteranopia
A7908D



Tritanopia
8D97A3

Trichromacy



Original Color
899A8B

Protanomaly
949789

Deuteranomaly
9C948C

Tritanomaly
8C989A

Monochromacy



Original Color
899A8B

Achromatopsia
939393

Achromatomaly
8F9690

CSS Examples

Text

The CSS property to change the color of the text to Hex 899A8B 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 #899A8B looks like.

```
.text, #text, p{  
    color:#899A8B  
}
```

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 #899A8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #899A8B
}
```

Border

The CSS property to change the border of an element to Hex 899A8B 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
#899A8B }
```

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

```
.border{ border-color:#899A8B }
```

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

Here you see how a box with a 4 pixel #899A8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #899A8B; -webkit-box-shadow:4px 4px  
4px 4px #899A8B; box-shadow:4px 4px 4px  
4px #899A8B }
```

Background

The CSS property to change the background color of an element to Hex 899A8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#899A8B }
```

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

```
.background{ background-color:#899A8B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor