

Converting Colors

Hex(99B8AF)

Have a look what the booklet for
Hex(99B8AF) contains.

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Color

Hex(99B8AF)

Conversions

Conversions Part 1

Format	Color
Hex	99B8AF
RGB	153, 184, 175
RGB Percent	60%, 72%, 69%
CMY	0.4000, 0.2784, 0.3137
CMYK	0.17, 0.00, 0.05, 0.28
HSL	163°, 18%, 66%
HSV	163°, 17%, 72%
XYZ	38.0152, 44.1484, 47.0753
YIQ	173.7050, -15.5870, -9.3710

Conversions

Conversions Part 2

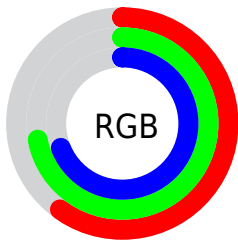
Format	Color
RYB	153, 171, 184
Decimal	10074287
CIELab	72.33, -12.33, 1.06
CIElCh	72, 12.376, 175.097
Yxy	44.1484, 0.2941, 0.3416
Android (android.graphics.Color)	4288264367 (0xFF99B8AF)
YUV	173.7050, 0.6384, -18.1583
Hunter-Lab	66.4443, -14.1511, 4.5044

Details

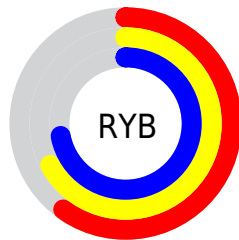
The Hex color **99B8AF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B899A2**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **D0F0E6**, and **66837B** is the 20% darker color. If you saturate the color by 10%, you get **87B8AA**, and if you desaturate by 10%, it is **ABB8B4**.

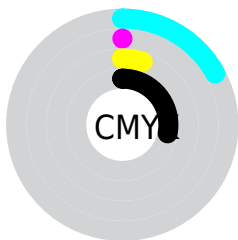
Distribution



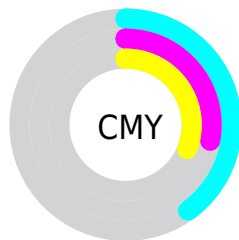
- Red (60%)
- Green (72%)
- Blue (69%)



- Red (60%)
- Yellow (67%)
- Blue (72%)



- Cyan (17%)
- Magenta (0%)
- Yellow (5%)
- Black (28%)



- Cyan (40%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99B8AF 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 99B8AF by changing the saturation by 10% instead.

 99B8AF

 99B8AF

FFFFFF

 7F9D94

 D0F0E6

 66837B

 ECFFFF

 4D6A62

 36524A

 1F3A33

 09251E

 000F05

 000000

 99B8AF

 99B8AF

 87B8AA

 ABB8B4

 74B8A4

 BEB8BA

 62B89F

 D0B8BF

 4FB89A

 E3B8C4

 3DB894

 F5B8CA

 2BB88F

 FFB8CF

 18B88A

 FFB8D4

 06B884

 FFB8DA

 00B883

 FFB8DF

Harmonies

Analogous

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



A3B6A4



99B8AF



95B8BA

Triad

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



99B8AF



B1AFC6



C6AC9F

Complementary

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



99B8AF



B899A2

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.



CAAA8



99B8AF



BFACBE

Square

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



99B8AF



A3B3C8



C7AAB4



BDB09B

Rectangle

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



99B8AF



96B7C1



C7AAB4



C8ABA2

Sweetspot

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



99B8AF



E4F0EC



A2B899



717876



F7F7F7



787878

Same Dimension

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



99B8AF



C0F0E2



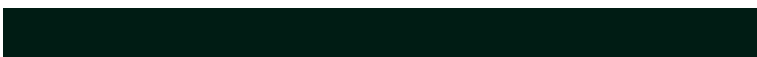
99B2B8



535C59



009C6E



001C14

Inverse Universe

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



B899A2



F0C0CE



B89F99



5C5355



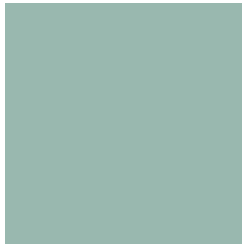
9C002D



1C0008

Previews

White Background



This preview shows how the Hex color 99B8AF looks on a white background.

Color Contrast Check

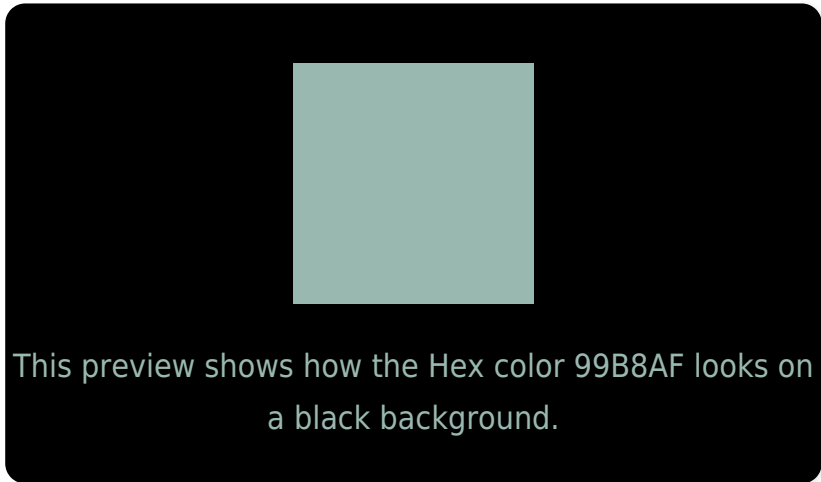
Large Text (above 18pt) WCAG AA × Fail

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

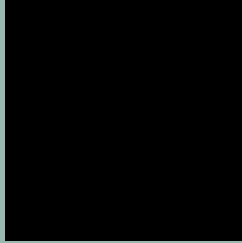
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

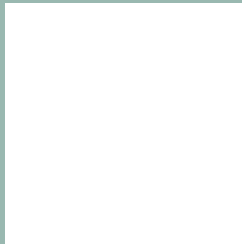
Any Text WCAG AAA ✓ Pass

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

Hex 99B8AF Background



This preview shows how black text looks on a background with the Hex color 99B8AF.

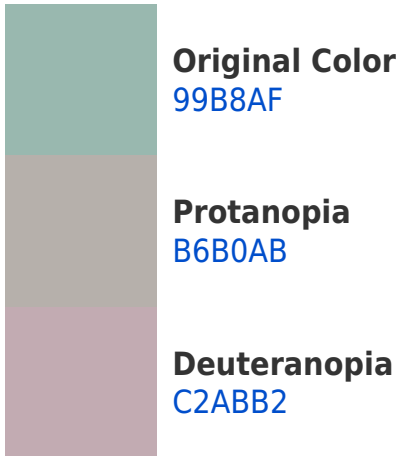


This preview shows how white text looks on a background with the Hex color 99B8AF.

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](#).

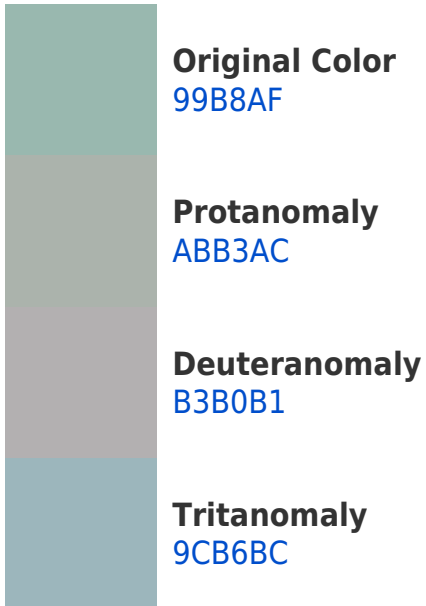
Dichromacy



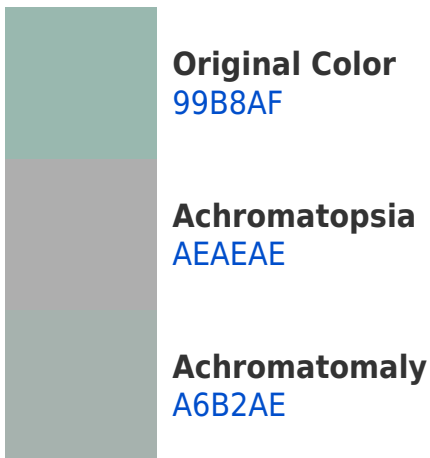


Tritanopia
9DB5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99B8AF 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 #99B8AF looks like.

```
.text, #text, p{  
    color:#99B8AF  
}
```

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 #99B8AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99B8AF
}
```

Border

The CSS property to change the border of an element to Hex 99B8AF 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
#99B8AF }
```

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

```
.border{ border-color:#99B8AF }
```

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

Here you see how a box with a 4 pixel #99B8AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99B8AF; -webkit-box-shadow:4px 4px  
4px 4px #99B8AF; box-shadow:4px 4px 4px  
4px #99B8AF }
```

Background

The CSS property to change the background color of an element to Hex 99B8AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99B8AF }
```

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

```
.background{ background-color:#99B8AF }
```

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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