

Converting Colors

Hex(99B098)

Have a look what the booklet for
Hex(99B098) contains.

Hex(99B098)	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(99B098)

Conversions

Conversions Part 1

Format	Color
Hex	99B098
RGB	153, 176, 152
RGB Percent	60%, 69%, 60%
CMY	0.4000, 0.3098, 0.4039
CMYK	0.13, 0.00, 0.14, 0.31
HSL	118°, 13%, 64%
HSV	118°, 14%, 69%
XYZ	34.3297, 40.0900, 35.6345
YIQ	166.3870, -6.0040, -12.3400

Conversions

Conversions Part 2

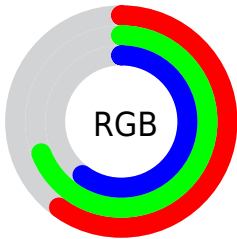
Format	Color
RYB	152, 176, 175
Decimal	10072216
CIELab	69.53, -12.60, 9.64
CIELCh	70, 15.867, 142.566
Yxy	40.0900, 0.3119, 0.3643
Android (android.graphics.Color)	4288262296 (0xFF99B098)
YUV	166.3870, -7.0928, -11.7404
Hunter-Lab	63.3166, -14.0231, 10.9533

Details

The Hex color **99B098** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AF98B0**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **CFE8CE**, and **667B65** is the 20% darker color. If you saturate the color by 10%, you get **88B086**, and if you desaturate by 10%, it is **AAB0AA**.

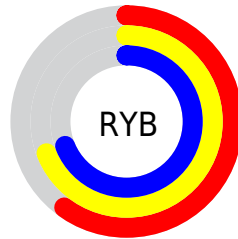
Distribution



Red (60%)

Green (69%)

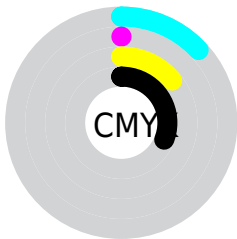
Blue (60%)



Red (60%)

Yellow (69%)

Blue (69%)

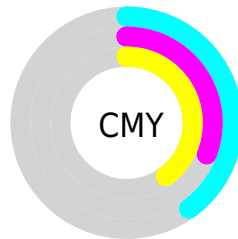


Cyan (13%)

Magenta (0%)

Yellow (14%)

Black (31%)



Cyan (40%)

Magenta (31%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99B098 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 99B098 by changing the saturation by 10% instead.

 99B098

 99B098

FFFFFF

 7F957E

 CFE8CE

 667B65

 ECFFEA

 4E634D

 364B36

 213421

 0C1F0B

 000000

 99B098

 99B098

 88B086

 AAB0AA

 77B075

 BBB0BB

 66B063

 CCB0CD

 56B052

 DCB0DE

 45B040

 EDB0F0

 34B02E

 FEB0FF

 23B01D

 FFB0FF

 12B00B

 07B000

Harmonies

Analogous

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



AAAC8F



99B098



8BB2A6

Triad

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



99B098



96ACC6



C8A09F

Complementary

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



99B098



AF98B0

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.



C5A0AE



99B098



A8A7C4

Square

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



99B098



88B0C0



B9A3BB



C4A394

Rectangle

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



99B098



85B2B0



B9A3BB



C8A0A4

Sweetspot

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



99B098



DDE6DC



B0AF98



6D736D



F2F2F2



737373

Same Dimension

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



99B098



C2E6C1



98B0A3



515950



069900



011A00

Inverse Universe

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



AF98B0



E4C1E6



B098A5



595059



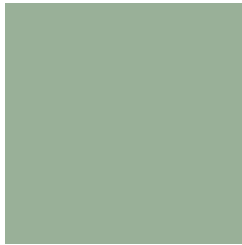
930099



18001A

Previews

White Background



This preview shows how the Hex color 99B098 looks on a white background.

Color Contrast Check

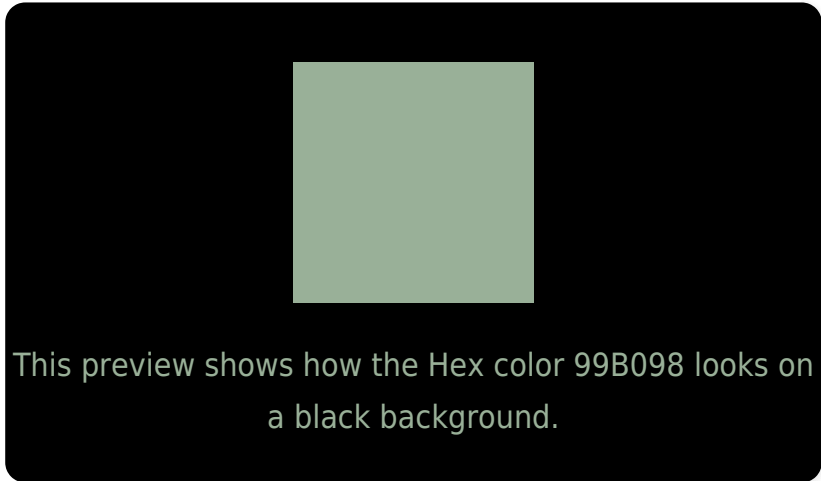
Large Text (above 18pt) WCAG AA × Fail

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

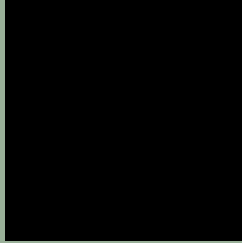
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

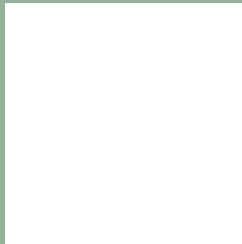
Any Text WCAG AAA ✓ Pass

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

Hex 99B098 Background



This preview shows how black text looks on a background with the Hex color 99B098.

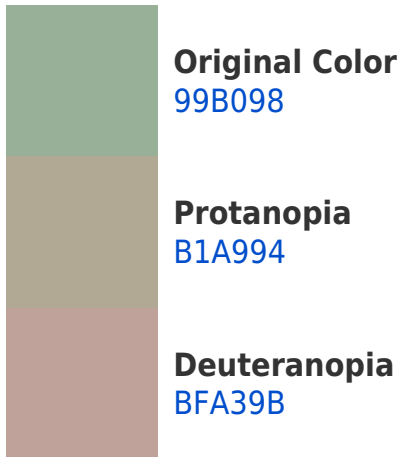


This preview shows how white text looks on a background with the Hex color 99B098.

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](#).

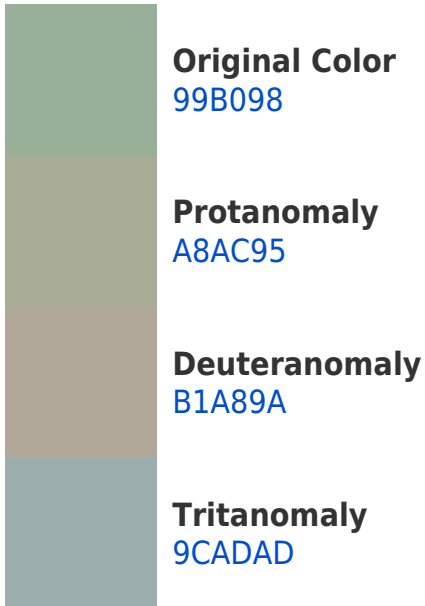
Dichromacy



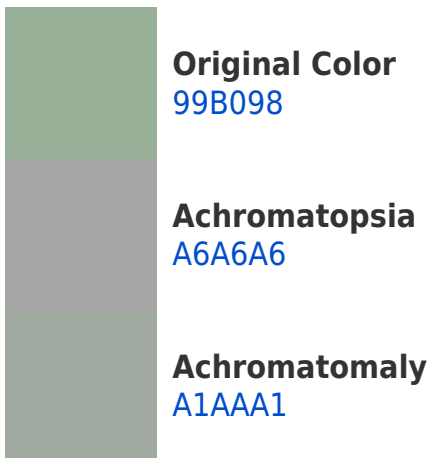


Tritanopia
9EABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99B098 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 #99B098 looks like.

```
.text, #text, p{  
    color:#99B098  
}
```

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 #99B098 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99B098
}
```

Border

The CSS property to change the border of an element to Hex 99B098 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
#99B098 }
```

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

```
.border{ border-color:#99B098 }
```

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

Here you see how a box with a 4 pixel #99B098 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99B098; -webkit-box-shadow:4px 4px  
4px 4px #99B098; box-shadow:4px 4px 4px  
4px #99B098 }
```

Background

The CSS property to change the background color of an element to Hex 99B098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99B098 }
```

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

```
.background{ background-color:#99B098 }
```

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