

# Converting Colors

Hex(99B88C)

Have a look what the booklet for  
Hex(99B88C) contains.

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# **Color**

**Hex(99B88C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99B88C
RGB	153, 184, 140
RGB Percent	60%, 72%, 55%
CMY	0.4000, 0.2784, 0.4510
CMYK	0.17, 0.00, 0.24, 0.28
HSL	102°, 24%, 64%
HSV	102°, 24%, 72%
XYZ	35.0110, 42.9467, 31.2552
YIQ	169.7150, -4.3520, -20.2560

# Conversions

## Conversions Part 2

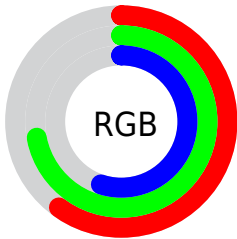
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">140, 184, 171</a>
Decimal	<a href="#">10074252</a>
CIELab	<a href="#">71.52, -18.82, 18.96</a>
CIELCh	<a href="#">72, 26.714, 134.779</a>
Yxy	<a href="#">42.9467, 0.3206, 0.3932</a>
Android (android.graphics.Color)	<a href="#">4288264332 (0xFF99B88C)</a>
YUV	<a href="#">169.7150, -14.6495, -14.6591</a>
Hunter-Lab	<a href="#">65.5338, -19.3216, 17.5963</a>

# Details

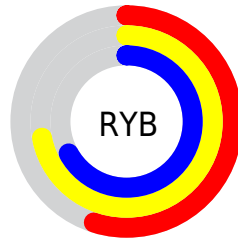
The Hex color **99B88C** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **AB8CB8**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **D0F0C2**, and **65835A** is the 20% darker color. If you saturate the color by 10%, you get **8CB87A**, and if you desaturate by 10%, it is **A6B89E**.

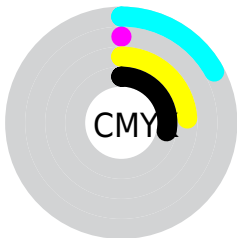
# Distribution



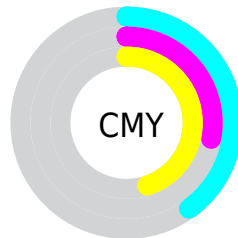
- Red (60%)
- Green (72%)
- Blue (55%)



- Red (55%)
- Yellow (72%)
- Blue (67%)



- Cyan (17%)
- Magenta (0%)
- Yellow (24%)
- Black (28%)



- Cyan (40%)
- Magenta (28%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99B88C 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 99B88C by changing the saturation by 10% instead.



 99B88C

 99B88C

FFFFFF

 7F9D72

 D0F0C2

 65835A

 ECFFDE

 4D6A42

 FFFFFA

 35512B

 1F3A16

 0C2400

 000A00

 000000

 99B88C

 99B88C

 8CB87A

 A6B89E

 7FB867

 B3B8B1

 72B855

 C0B8C3

 65B842

 CDB8D6

 58B830

 DAB8E8

 4BB81E

 E7B8FA

 3EB80B

 F4B8FF

 36B800

 FFB8FF

# Harmonies

## Analogous

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



B5B180



99B88C



7EBCA2

# Triad

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



99B88C



80B5DE



E19EA4

# Complementary

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



99B88C



AB8CB8

# 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.



D89FBD



99B88C



A2ADDE

# Square

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



99B88C



69BBD1



C2A5D2



DCA28E

# Rectangle

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



99B88C



6FBDB2



C2A5D2



DF9DAC



# Sweetspot

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



99B88C



E4F0DF



B8AB8C



71786E



F7F7F7



787878

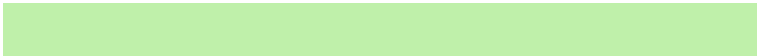


# Same Dimension

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



99B88C



BFF0AA



8CB895



555C53



2E9C00



081C00



# Inverse Universe

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



AB8CB8



DBAAF0



B88CAF



59535C



6E009C

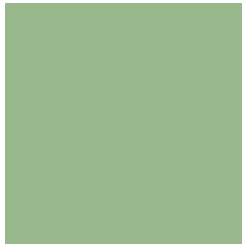


14001C



# Previews

## White Background



This preview shows how the Hex color 99B88C looks on a white background.

## Color Contrast Check

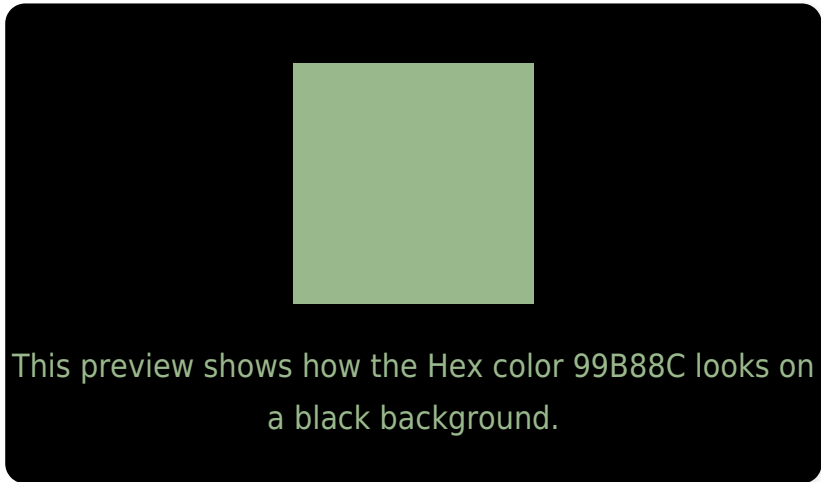
Large Text (above 18pt) WCAG AA × Fail

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

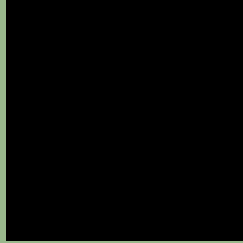
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 99B88C Background



This preview shows how black text looks on a background with the Hex color 99B88C.

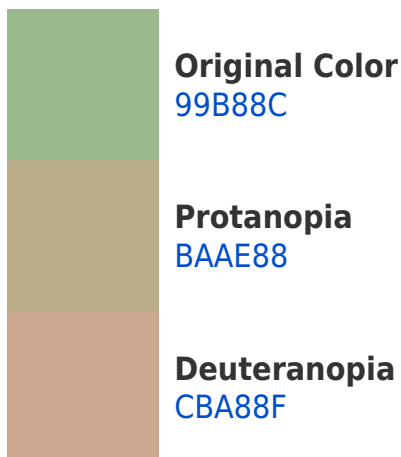


This preview shows how white text looks on a background with the Hex color 99B88C.

# 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



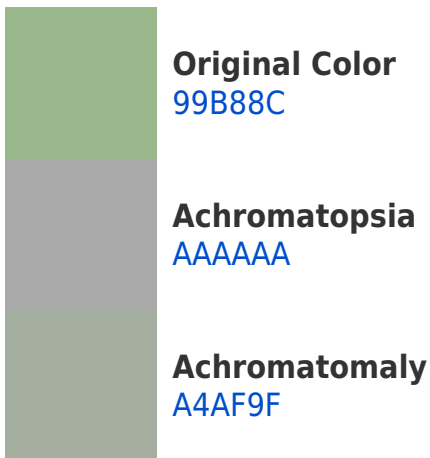


**Tritanopia**  
A1B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99B88C 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 #99B88C looks like.

```
.text, #text, p{  
    color:#99B88C  
}
```

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 #99B88C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99B88C
}
```

## Border

The CSS property to change the border of an element to Hex 99B88C 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
#99B88C }
```

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

```
.border{ border-color:#99B88C }
```

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

Here you see how a box with a 4 pixel #99B88C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99B88C; -webkit-box-shadow:4px 4px  
4px 4px #99B88C; box-shadow:4px 4px 4px  
4px #99B88C }
```

# Background

The CSS property to change the background color of an element to Hex 99B88C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99B88C }
```

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

```
.background{ background-color:#99B88C }
```

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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