

# Converting Colors

Hex(99B99E)

Have a look what the booklet for  
Hex(99B99E) contains.

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# **Color**

**Hex(99B99E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99B99E
RGB	153, 185, 158
RGB Percent	60%, 73%, 62%
CMY	0.4000, 0.2745, 0.3804
CMYK	0.17, 0.00, 0.15, 0.27
HSL	129°, 19%, 66%
HSV	129°, 17%, 73%
XYZ	36.6574, 43.9389, 38.8967
YIQ	172.3540, -10.4050, -15.1810

# Conversions

## Conversions Part 2

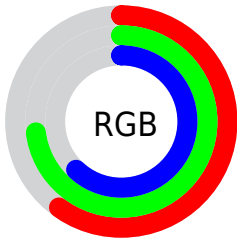
Format	Color
<a href="#">RYB</a>	<a href="#">153, 181, 185</a>
Decimal	<a href="#">10074526</a>
CIELab	<a href="#">72.19, -16.17, 10.14</a>
CIELCh	<a href="#">72, 19.082, 147.911</a>
Yxy	<a href="#">43.9389, 0.3068, 0.3677</a>
Android (android.graphics.Color)	<a href="#">4288264606 (0xFF99B99E)</a>
YUV	<a href="#">172.3540, -7.0765, -16.9735</a>
Hunter-Lab	<a href="#">66.2864, -17.2879, 11.6092</a>

# Details

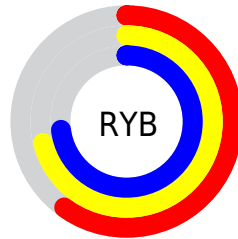
The Hex color **99B99E** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B999B4**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **D0F1D5**, and **66846B** is the 20% darker color. If you saturate the color by 10%, you get **87B98E**, and if you desaturate by 10%, it is **ABB9AE**.

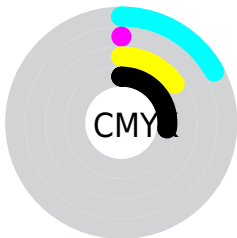
# Distribution



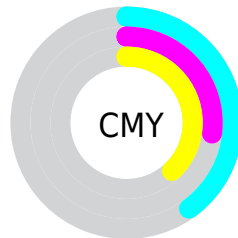
- Red (60%)
- Green (73%)
- Blue (62%)



- Red (60%)
- Yellow (71%)
- Blue (73%)



- Cyan (17%)
- Magenta (0%)
- Yellow (15%)
- Black (27%)



- Cyan (40%)
- Magenta (27%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99B99E 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 99B99E by changing the saturation by 10% instead.





99B99E



99B99E

FFFFFF



7F9E84



D0F1D5



66846B



ECFFF1



4D6B52



36523B



1F3B26



0A2511



000E00



000000



99B99E



99B99E

 87B98E

 ABB9AE

 74B97F

 BEB9BD

 62B96F

 D1B9CD

 4FB960

 E3B9DC

 3DB950

 F5B9EC

 2AB940

 FFB9FC

 18B931

 FFB9FF

 05B921

 00B91D

# Harmonies

## Analogous

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



ADB592



99B99E



89BBAF

# Triad

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



99B99E



9CB3D3



D5A6A1

# Complementary

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



99B99E



B999B4

# 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.



D3A5B3



99B99E



B3ADD0

# Square

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



99B99E



89B8CE



C7A8C4



CEAA94

# Rectangle

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



99B99E



83BBBB



C7A8C4



D6A5A7

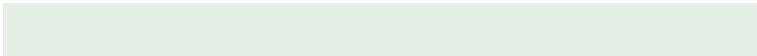


# Sweetspot

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



99B99E



E4F0E6



B4B999



717872



F7F7F7



787878

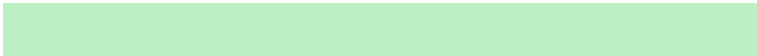


# Same Dimension

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



99B99E



BDF0C5



99B9AE



535C54



009C18



001C04



# Inverse Universe

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



B999B4



F0BDE8



B999A4



5C535A



9C0083

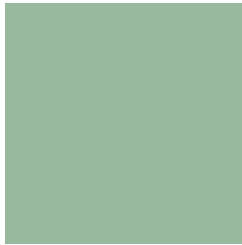


1C0018



# Previews

## White Background



This preview shows how the Hex color 99B99E looks on a white background.

## Color Contrast Check

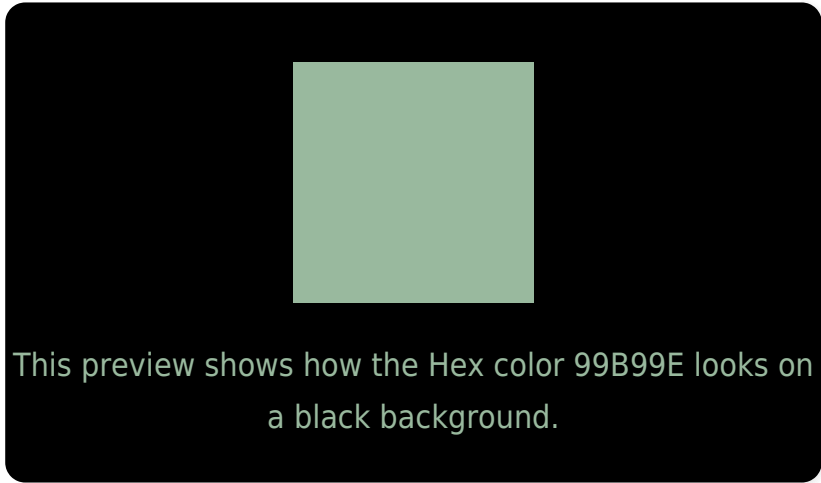
Large Text (above 18pt) WCAG AA × Fail

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

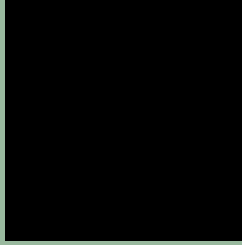
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

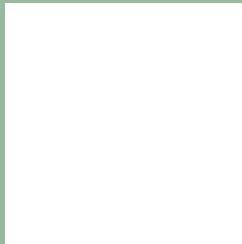
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 99B99E Background



This preview shows how black text looks on a background with the Hex color 99B99E.



This preview shows how white text looks on a background with the Hex color 99B99E.

# 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](#).

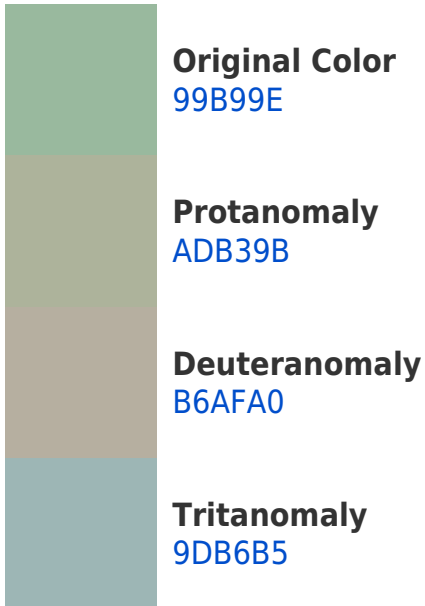
## Dichromacy



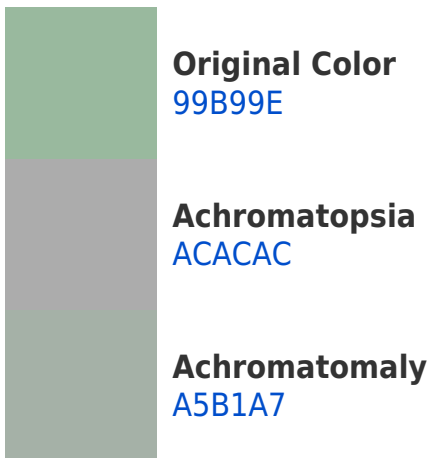


**Tritanopia**  
9FB4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99B99E 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 #99B99E looks like.

```
.text, #text, p{  
    color:#99B99E  
}
```

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 #99B99E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99B99E
}
```

## Border

The CSS property to change the border of an element to Hex 99B99E 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
#99B99E }
```

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

```
.border{ border-color:#99B99E }
```

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

Here you see how a box with a 4 pixel #99B99E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99B99E; -webkit-box-shadow:4px 4px  
4px 4px #99B99E; box-shadow:4px 4px 4px  
4px #99B99E }
```

# Background

The CSS property to change the background color of an element to Hex 99B99E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99B99E }
```

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

```
.background{ background-color:#99B99E }
```

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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