

# Converting Colors

Hex(99B899)

Have a look what the booklet for  
Hex(99B899) contains.

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# **Color**

**Hex(99B899)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99B899
RGB	153, 184, 153
RGB Percent	60%, 72%, 60%
CMY	0.4000, 0.2784, 0.4000
CMYK	0.17, 0.00, 0.17, 0.28
HSL	120°, 18%, 66%
HSV	120°, 17%, 72%
XYZ	36.0271, 43.3532, 36.6062
YIQ	171.1970, -8.5250, -16.2130

# Conversions

## Conversions Part 2

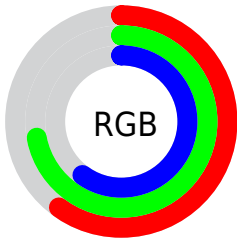
Format	Color
<a href="#">RYB</a>	<a href="#">153, 184, 184</a>
Decimal	<a href="#">10074265</a>
CIELab	<a href="#">71.79, -16.57, 12.30</a>
CIELCh	<a href="#">72, 20.635, 143.409</a>
Yxy	<a href="#">43.3532, 0.3106, 0.3738</a>
Android (android.graphics.Color)	<a href="#">4288264345 (0xFF99B899)</a>
YUV	<a href="#">171.1970, -8.9711, -15.9588</a>
Hunter-Lab	<a href="#">65.8431, -17.5564, 13.1273</a>

# Details

The Hex color **99B899** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B899B8**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **D0F0CF**, and **668366** is the 20% darker color. If you saturate the color by 10%, you get **87B887**, and if you desaturate by 10%, it is **ABB8AB**.

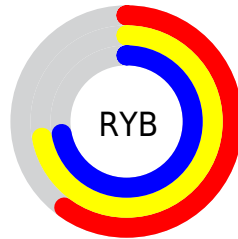
# Distribution



Red (60%)

Green (72%)

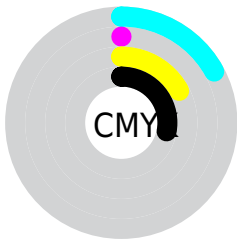
Blue (60%)



Red (60%)

Yellow (72%)

Blue (72%)

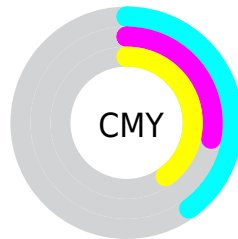


Cyan (17%)

Magenta (0%)

Yellow (17%)

Black (28%)



Cyan (40%)

Magenta (28%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99B899 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 99B899 by changing the saturation by 10% instead.





99B899



99B899

FFFFFF



7F9D7F



D0F0CF



668366



ECFFEC



4D6A4E



365137



1F3A21



0A240C



000C00



000000



99B899



99B899

 87B887

 ABB8AB

 74B874

 BEB8BE

 62B862

 D0B8D0

 4FB84F

 E3B8E3

 3DB83D

 F5B8F5

 2BB82B

 FFB8FF

 18B818

 06B806

 00B800

# Harmonies

## Analogous

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



AFB38D



99B899



86BBAB

# Triad

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



99B899



95B3D5



D7A3A2

# Complementary

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



99B899



B899B8

# 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.



D3A3B5



99B899



AEADD2

# Square

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



99B899



82B8CD



C4A7C7



D1A792

# Rectangle

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



99B899



7EBB88



C4A7C7



D7A3A8

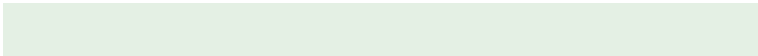


# Sweetspot

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



99B899



E4F0E4



B8B899



717871



F7F7F7



787878

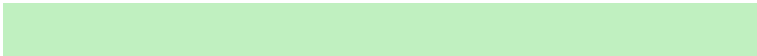


# Same Dimension

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



99B899



C0F0C0



99B8A9



535C53



009C00



001C00



# Inverse Universe

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



B899B8



F0C0F0



B899A9



5C535C



9C009C

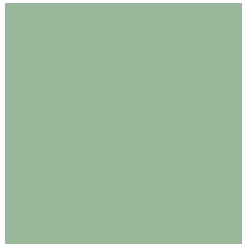


1C001C



# Previews

## White Background



This preview shows how the Hex color 99B899 looks on a white background.

## Color Contrast Check

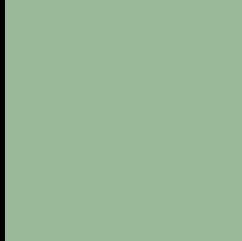
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 99B899 looks on a 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 99B899 Background



This preview shows how black text looks on a background with the Hex color 99B899.

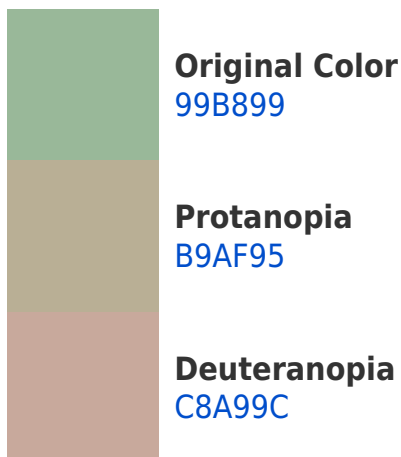


This preview shows how white text looks on a background with the Hex color 99B899.

# 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](#).

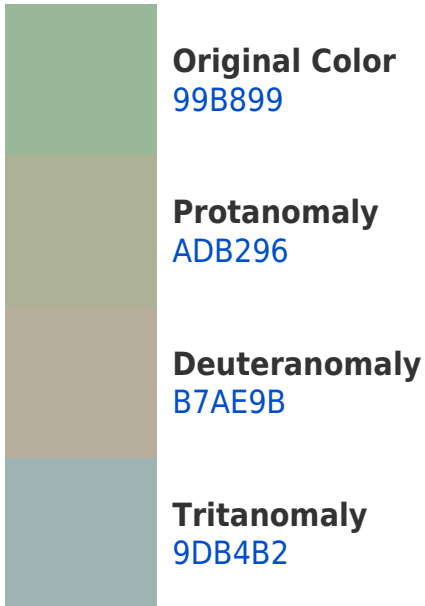
## Dichromacy



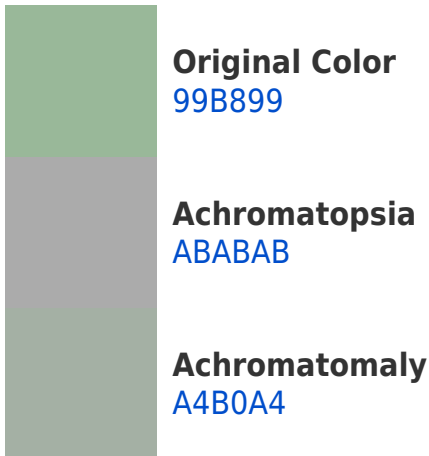


**Tritanopia**  
A0B2C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99B899 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 #99B899 looks like.

```
.text, #text, p{  
    color:#99B899  
}
```

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 #99B899 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99B899
}
```

## Border

The CSS property to change the border of an element to Hex 99B899 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
#99B899 }
```

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

```
.border{ border-color:#99B899 }
```

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

Here you see how a box with a 4 pixel #99B899 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99B899; -webkit-box-shadow:4px 4px  
4px 4px #99B899; box-shadow:4px 4px 4px  
4px #99B899 }
```

# Background

The CSS property to change the background color of an element to Hex 99B899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99B899 }
```

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

```
.background{ background-color:#99B899 }
```

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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