

# Converting Colors

Hex(99B399)

Have a look what the booklet for  
Hex(99B399) contains.

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# **Color**

**Hex(99B399)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99B399
RGB	153, 179, 153
RGB Percent	60%, 70%, 60%
CMY	0.4000, 0.2980, 0.4000
CMYK	0.15, 0.00, 0.15, 0.30
HSL	120°, 15%, 65%
HSV	120°, 15%, 70%
XYZ	35.0067, 41.3124, 36.2660
YIQ	168.2620, -7.1500, -13.5980

# Conversions

## Conversions Part 2

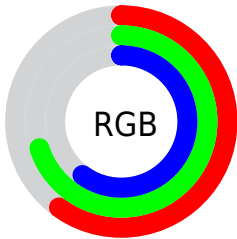
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 179, 179
Decimal	10072985
CIELab	70.39, -13.98, 10.32
CIELCh	70, 17.379, 143.574
Yxy	41.3124, 0.3109, 0.3669
Android (android.graphics.Color)	4288263065 (0xFF99B399)
YUV	168.2620, -7.5242, -13.3848
Hunter-Lab	64.2747, -15.2621, 11.5388

# Details

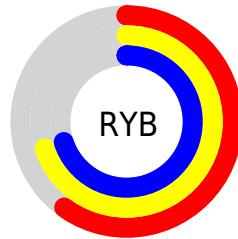
The Hex color **99B399** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B399B3**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **D0EBCF**, and **667E66** is the 20% darker color. If you saturate the color by 10%, you get **87B387**, and if you desaturate by 10%, it is **ABB3AB**.

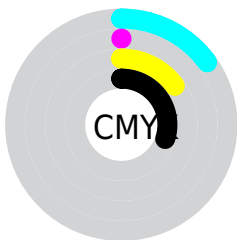
# Distribution



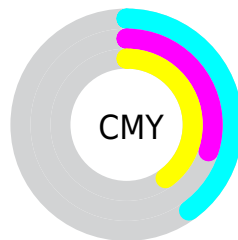
- Red (60%)
- Green (70%)
- Blue (60%)



- Red (60%)
- Yellow (70%)
- Blue (70%)



- Cyan (15%)
- Magenta (0%)
- Yellow (15%)
- Black (30%)



- Cyan (40%)
- Magenta (30%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99B399 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 99B399 by changing the saturation by 10% instead.





99B399



99B399

FFFFFF



7F987F



D0EBCF



667E66



ECFFEC



4D654E



364D37



203622



0C210C



000300



000000



99B399



99B399

 87B387

 ABB3AB

 75B375

 BDB3BD

 63B363

 CFB3CF

 51B351

 E1B3E1

 40B340

 F3B3F3

 2EB32E

 FFB3FF

 1CB31C

 0AB30A

 00B300

# Harmonies

## Analogous

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



ABAF8F



99B399



8AB5A8

# Triad

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



99B399



96AFCB



CDA2A0

# Complementary

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



99B399



B399B3

# 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.



CAA1B0



99B399



ABA9C9

# Square

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



99B399



87B3C5



BEA4BF



C8A593

# Rectangle

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



99B399



83B5B3



BEA4BF



CDA1A5



# Sweetspot

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



99B399



DFE8DF



B3B399



6F756F



F5F5F5



757575



# Same Dimension

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



99B399



C1E8C1



99B3A6



505950



009900



001A00



# Inverse Universe

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



B399B3



E8C1E8



B399A6



595059



990099

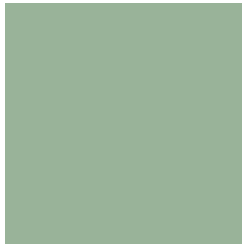


1A001A



# Previews

## White Background



This preview shows how the Hex color 99B399 looks on a white background.

## Color Contrast Check

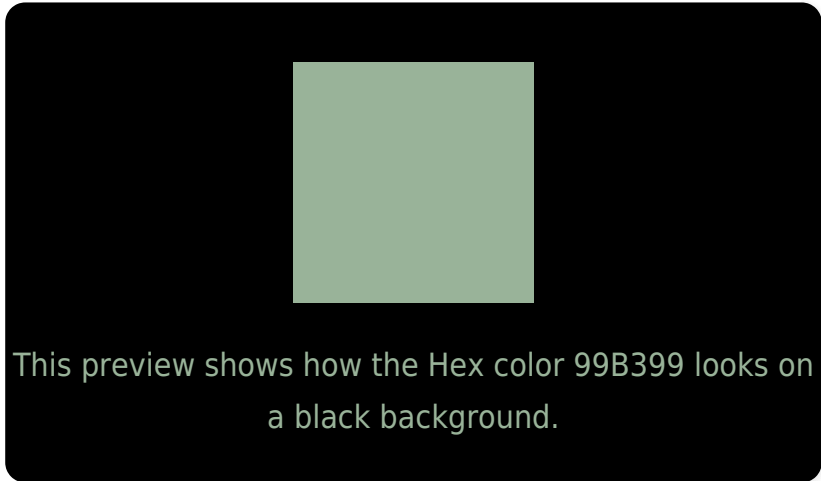
Large Text (above 18pt) WCAG AA × Fail

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

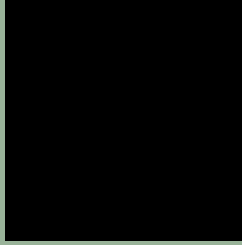
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

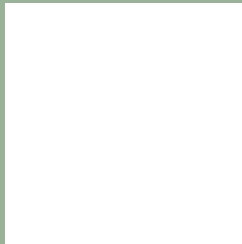
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 99B399 Background



This preview shows how black text looks on a background with the Hex color 99B399.

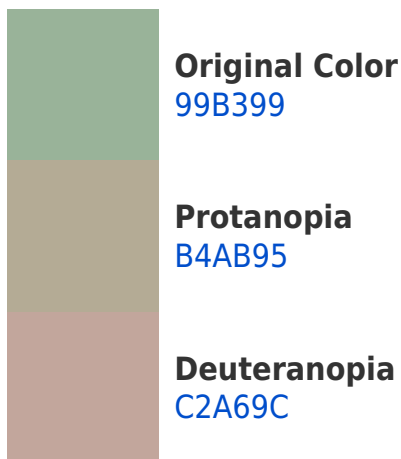


This preview shows how white text looks on a background with the Hex color 99B399.

# 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](#).

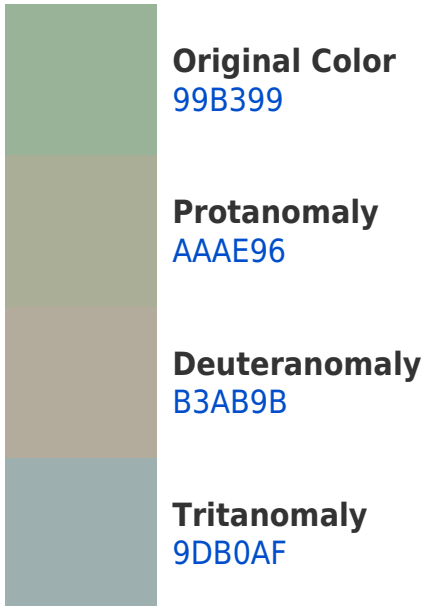
## Dichromacy



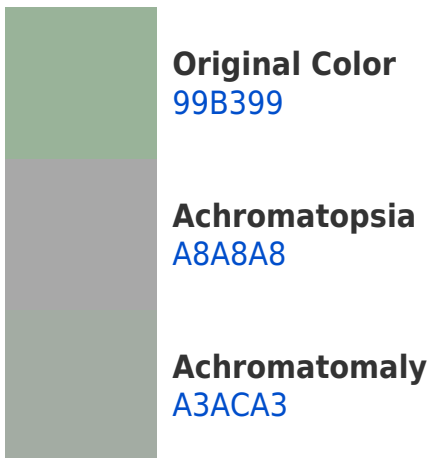


**Tritanopia**  
9FAEBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99B399 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 #99B399 looks like.

```
.text, #text, p{  
    color:#99B399  
}
```

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 #99B399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99B399
}
```

## Border

The CSS property to change the border of an element to Hex 99B399 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
#99B399 }
```

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

```
.border{ border-color:#99B399 }
```

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

Here you see how a box with a 4 pixel #99B399 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99B399; -webkit-box-shadow:4px 4px  
4px 4px #99B399; box-shadow:4px 4px 4px  
4px #99B399 }
```

# Background

The CSS property to change the background color of an element to Hex 99B399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99B399 }
```

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

```
.background{ background-color:#99B399 }
```

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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