

# Converting Colors

Hex(99B09F)

Have a look what the booklet for  
Hex(99B09F) contains.

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# **Color**

**Hex(99B09F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99B09F
RGB	153, 176, 159
RGB Percent	60%, 69%, 62%
CMY	0.4000, 0.3098, 0.3765
CMYK	0.13, 0.00, 0.10, 0.31
HSL	136°, 13%, 65%
HSV	136°, 13%, 69%
XYZ	34.9202, 40.3262, 38.7441
YIQ	167.1850, -8.2510, -10.1630

# Conversions

## Conversions Part 2

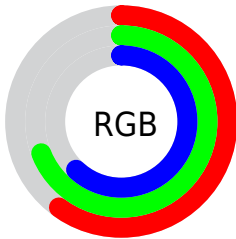
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 171, 176
Decimal	10072223
CIELab	69.70, -11.29, 6.04
CIELCh	70, 12.804, 151.873
Yxy	40.3262, 0.3063, 0.3538
Android (android.graphics.Color)	4288262303 (0xFF99B09F)
YUV	167.1850, -4.0352, -12.4402
Hunter-Lab	63.5029, -12.9730, 8.2783

# Details

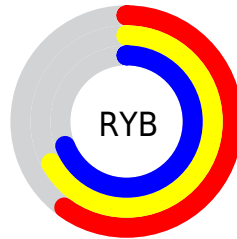
The Hex color **99B09F** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B099AA**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **CFE8D6**, and **667B6C** is the 20% darker color. If you saturate the color by 10%, you get **87B092**, and if you desaturate by 10%, it is **ABB0AC**.

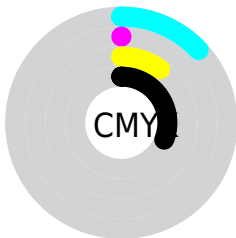
# Distribution



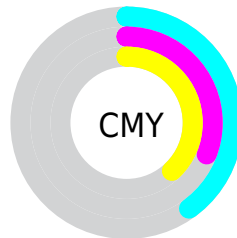
- Red (60%)
- Green (69%)
- Blue (62%)



- Red (60%)
- Yellow (67%)
- Blue (69%)



- Cyan (13%)
- Magenta (0%)
- Yellow (10%)
- Black (31%)



- Cyan (40%)
- Magenta (31%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99B09F 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 99B09F by changing the saturation by 10% instead.





99B09F



99B09F

FFFFFF



7F9585



CFE8D6



667B6C



ECFF2



4E6353



374B3C



213427



0C1F12



000000



99B09F



99B09F



87B092



ABB0AC

 76B085

 BCB0B9

 64B078

 CEB0C6

 53B06B

 DFB0D3

 41B05E

 F1B0E0

 2FB051

 FFB0ED

 1EB044

 FFB0FA

 0CB037

 FFB0FF

 00B02E

# Harmonies

## Analogous

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



A6AD96



99B09F



8FB1AB

# Triad

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



99B09F



9FABC1



C3A39E

# Complementary

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



99B09F



B099AA

# 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.



C2A2AA



99B09F



AEA7BE

# Square

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



99B09F



92AEBE



BAA4B5



BDA696

# Rectangle

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



99B09F



8DB1B2



BAA4B5



C3A3A2



# Sweetspot

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



99B09F



DCE6DF



AAB099



6D736F



F2F2F2



737373



# Same Dimension

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



99B09F



C1E6CA



99B0AA



505953



009928



001A07



# Inverse Universe

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



B099AA



E6C1DC



B0999F



595057



990071

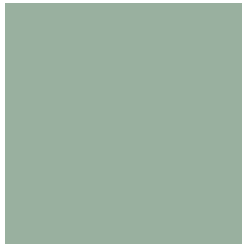


1A0013



# Previews

## White Background



This preview shows how the Hex color 99B09F looks on a white background.

## Color Contrast Check

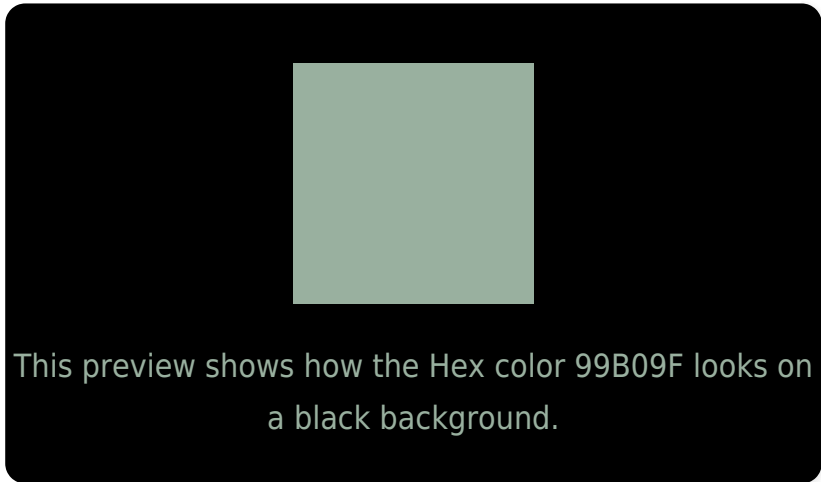
Large Text (above 18pt) WCAG AA × Fail

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

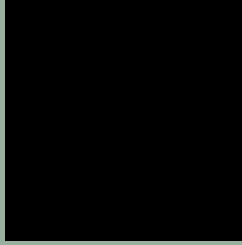
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

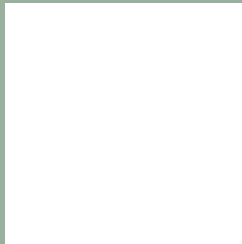
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 99B09F Background



This preview shows how black text looks on a background with the Hex color 99B09F.

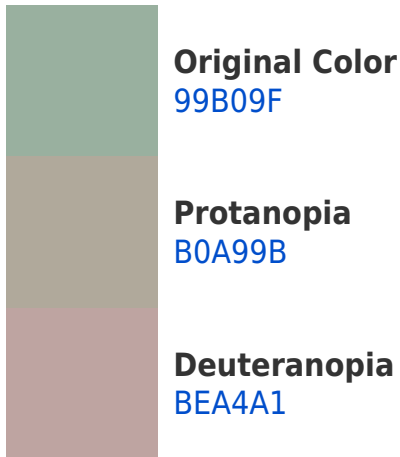


This preview shows how white text looks on a background with the Hex color 99B09F.

# Color Blindness Simulation

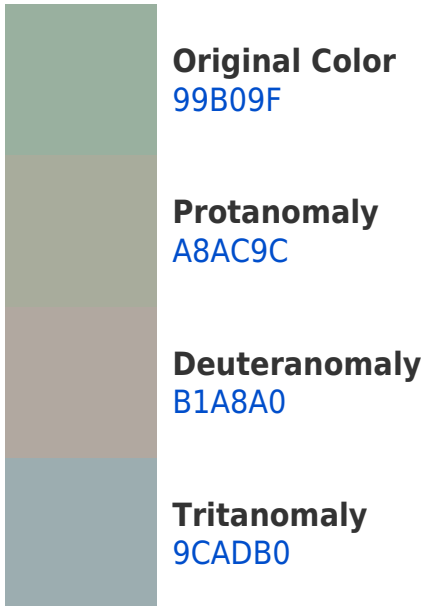
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

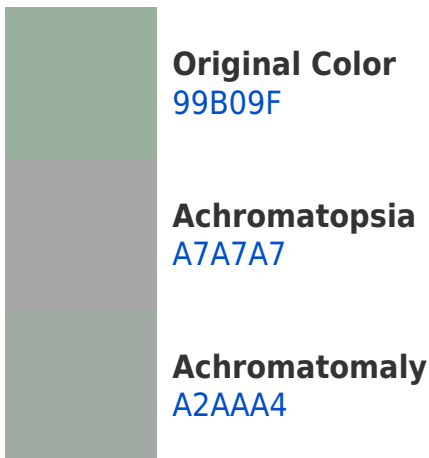




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99B09F 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 #99B09F looks like.

```
.text, #text, p{  
    color:#99B09F  
}
```

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 #99B09F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99B09F
}
```

## Border

The CSS property to change the border of an element to Hex 99B09F 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
#99B09F }
```

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

```
.border{ border-color:#99B09F }
```

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

Here you see how a box with a 4 pixel #99B09F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99B09F; -webkit-box-shadow:4px 4px  
4px 4px #99B09F; box-shadow:4px 4px 4px  
4px #99B09F }
```

# Background

The CSS property to change the background color of an element to Hex 99B09F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99B09F }
```

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

```
.background{ background-color:#99B09F }
```

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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