

# Converting Colors

Hex(99B98F)

Have a look what the booklet for  
Hex(99B98F) contains.

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# **Color**

**Hex(99B98F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99B98F
RGB	153, 185, 143
RGB Percent	60%, 73%, 56%
CMY	0.4000, 0.2745, 0.4392
CMYK	0.17, 0.00, 0.23, 0.27
HSL	106°, 23%, 64%
HSV	106°, 23%, 73%
XYZ	35.4438, 43.4534, 32.5059
YIQ	170.6440, -5.5900, -19.8460

# Conversions

## Conversions Part 2

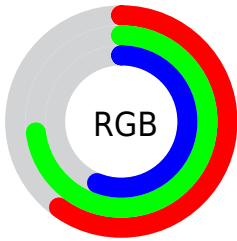
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">143, 185, 175</a>
Decimal	<a href="#">10074511</a>
CIELab	<a href="#">71.86, -18.82, 17.82</a>
CIELCh	<a href="#">72, 25.918, 136.574</a>
Yxy	<a href="#">43.4534, 0.3182, 0.3901</a>
Android (android.graphics.Color)	<a href="#">4288264591</a> ( <a href="#">0xFF99B98F</a> )
YUV	<a href="#">170.6440, -13.6285, -15.4738</a>
Hunter-Lab	<a href="#">65.9192, -19.3818, 16.9065</a>

# Details

The Hex color **99B98F** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **AF8FB9**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **D0F1C5**, and **65845C** is the 20% darker color. If you saturate the color by 10%, you get **8BB97D**, and if you desaturate by 10%, it is **A7B9A2**.

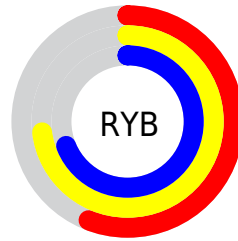
# Distribution



Red (60%)

Green (73%)

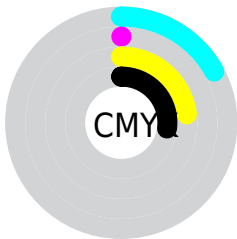
Blue (56%)



Red (56%)

Yellow (73%)

Blue (69%)

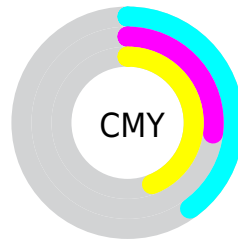


Cyan (17%)

Magenta (0%)

Yellow (23%)

Black (27%)



Cyan (40%)

Magenta (27%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99B98F 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 99B98F by changing the saturation by 10% instead.



 99B98F

 99B98F

FFFFFF

 7F9E75

 D0F1C5

 65845C

 ECFFE1

 4D6B45

FFFFFFE

 35522E

 1F3B19

 0B2500

 000D00

 000000

 99B98F

 99B98F

 8BB97D

 A7B9A2

 7DB96A

 B5B9B4

 6FB958

 C3B9C7

 61B945

 D1B9D9

 53B933

 DFB9EC

 44B920

 EEB9FE

 36B90E

 FCB9FF

 2CB900

 FFB9FF

# Harmonies

## Analogous

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



B4B383



99B98F



7FBDA4

# Triad

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



99B98F



85B5DE



E09FA4

# Complementary

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



99B98F



AF8FB9

# 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.



D9A0BC



99B98F



A5AEDD

# Square

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



99B98F



6EBBD2



C4A6D1



DBA48F

# Rectangle

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



99B98F



71BEB5



C4A6D1



DF9FAC

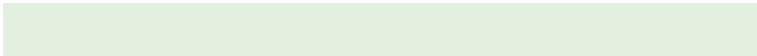


# Sweetspot

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



99B98F



E3F0DF



B9AF8F



71786E



F7F7F7



787878

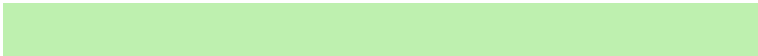


# Same Dimension

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



99B98F



BEF0AF



8FB99A



555C53



259C00



071C00



# Inverse Universe

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



AF8FB9



E0AFF0



B98FAF



5A535C



77009C

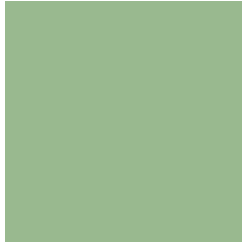


15001C



# Previews

## White Background



This preview shows how the Hex color 99B98F looks on a white background.

## Color Contrast Check

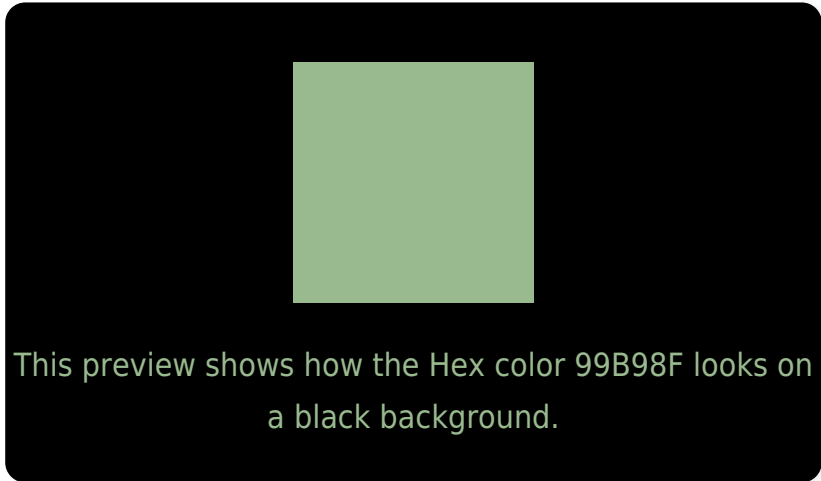
Large Text (above 18pt) WCAG AA × Fail

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

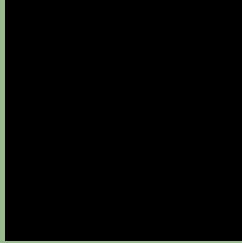
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 99B98F Background



This preview shows how black text looks on a background with the Hex color 99B98F.

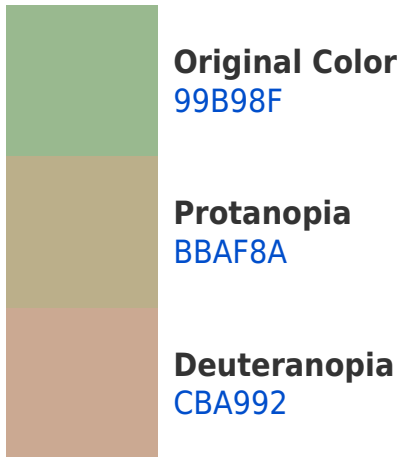


This preview shows how white text looks on a background with the Hex color 99B98F.

# 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](#).

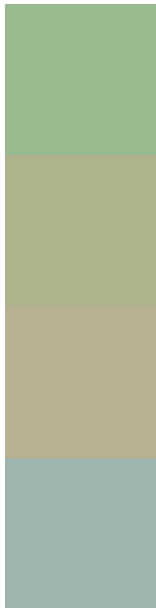
## Dichromacy





**Tritanopia**  
A1B2C1

# Trichromacy



**Original Color**  
99B98F

**Protanomaly**  
AFB38C

**Deuteranomaly**  
B9AF91

**Tritanomaly**  
9EB5AF

# Monochromacy



**Original Color**  
99B98F

**Achromatopsia**  
ABABAB

**Achromatomaly**  
A4B0A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99B98F 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 #99B98F looks like.

```
.text, #text, p{  
    color:#99B98F  
}
```

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 #99B98F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99B98F
}
```

## Border

The CSS property to change the border of an element to Hex 99B98F 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
#99B98F }
```

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

```
.border{ border-color:#99B98F }
```

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

Here you see how a box with a 4 pixel #99B98F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99B98F; -webkit-box-shadow:4px 4px  
4px 4px #99B98F; box-shadow:4px 4px 4px  
4px #99B98F }
```

# Background

The CSS property to change the background color of an element to Hex 99B98F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99B98F }
```

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

```
.background{ background-color:#99B98F }
```

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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