

# Converting Colors

Hex(93B99B)

Have a look what the booklet for  
Hex(93B99B) contains.

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# **Color**

**Hex(93B99B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93B99B
RGB	147, 185, 155
RGB Percent	58%, 73%, 61%
CMY	0.4235, 0.2745, 0.3922
CMYK	0.21, 0.00, 0.16, 0.27
HSL	133°, 21%, 65%
HSV	133°, 21%, 73%
XYZ	35.2980, 43.2675, 37.5014
YIQ	170.2180, -13.0180, -17.3860

# Conversions

## Conversions Part 2

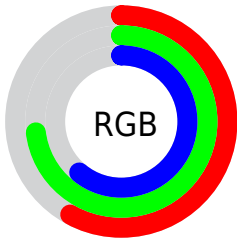
Format	Color
<a href="#">RYB</a>	<a href="#">147, 178, 185</a>
Decimal	<a href="#">9681307</a>
CIELab	<a href="#">71.74, -18.78, 11.08</a>
CIELCh	<a href="#">72, 21.800, 149.464</a>
Yxy	<a href="#">43.2675, 0.3041, 0.3728</a>
Android (android.graphics.Color)	<a href="#">4287871387 (0xFF93B99B)</a>
YUV	<a href="#">170.2180, -7.5025, -20.3622</a>
Hunter-Lab	<a href="#">65.7781, -19.3245, 12.2422</a>

# Details

The Hex color **93B99B** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B993B1**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **C9F1D1**, and **608468** is the 20% darker color. If you saturate the color by 10%, you get **81B98C**, and if you desaturate by 10%, it is **A5B9AA**.

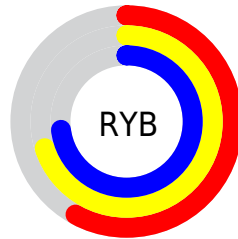
# Distribution



Red (58%)

Green (73%)

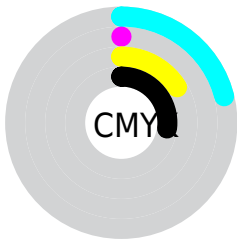
Blue (61%)



Red (58%)

Yellow (70%)

Blue (73%)

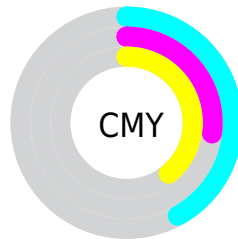


Cyan (21%)

Magenta (0%)

Yellow (16%)

Black (27%)



Cyan (42%)

Magenta (27%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93B99B 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 93B99B by changing the saturation by 10% instead.



 93B99B

 93B99B

FFFFFF

 799E81

 C9F1D1

 608468

 E6FFEE

 476A50

 305239

 193B23

 03250E

 000C00

 000000

 93B99B

 93B99B

 81B98C

 A5B9AA

 6EB97E

 B8B9B8

 5BB96F

 CBB9C7

 49B961

 DDB9D5

 36B952

 EFB9E4

 24B943

 FFB9F3

 11B935

 FFB9FF

 00B927

# Harmonies

## Analogous

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



AAB48D



93B99B



80BBAF

# Triad

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



93B99B



98B2D7



D8A39D

# Complementary

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



93B99B



B993B1

# 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.



D6A2B1



93B99B



B3ABD2

# Square

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



93B99B



81B7D1



C9A5C4



D0A88E

# Rectangle

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



93B99B



79BBBC



C9A5C4



D9A2A3

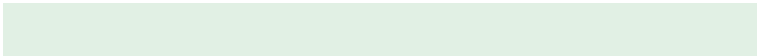


# Sweetspot

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



93B99B



E1F0E4



B1B993



6F7871



F7F7F7



787878

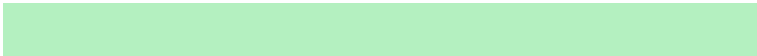


# Same Dimension

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



93B99B



B4F0C0



93B9AE



535C55



009C21



001C06



# Inverse Universe

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



B993B1



F0B4E3



B9939E



5C535A



9C007B

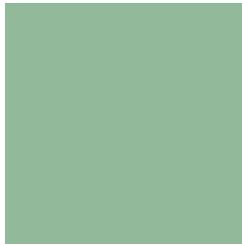


1C0016



# Previews

## White Background



This preview shows how the Hex color 93B99B looks on a white background.

## Color Contrast Check

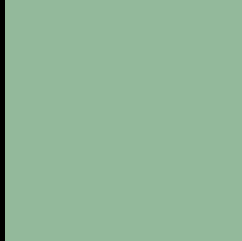
Large Text (above 18pt) WCAG AA × Fail

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 93B99B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

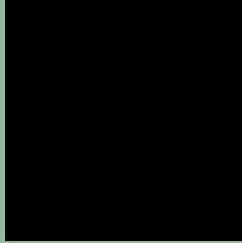
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 93B99B Background



This preview shows how black text looks on a background with the Hex color 93B99B.



This preview shows how white text looks on a background with the Hex color 93B99B.

# 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](#).

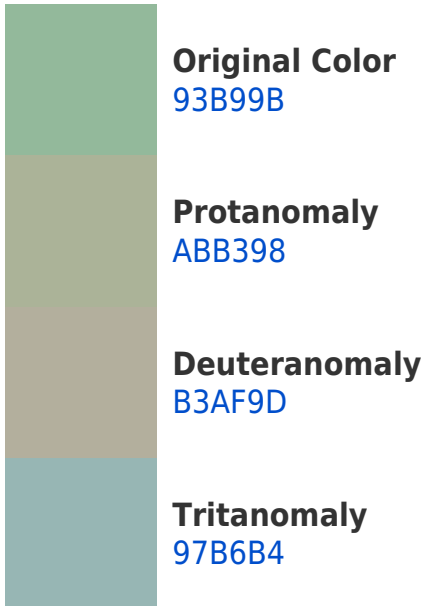
## Dichromacy



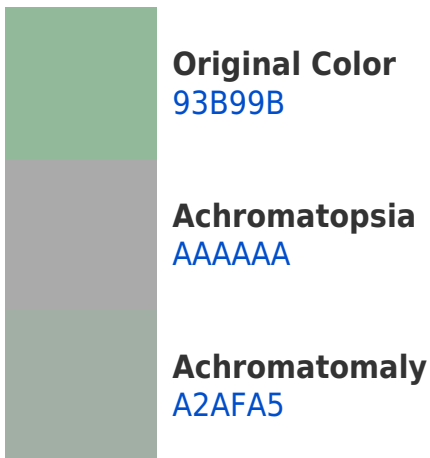


**Tritanopia**  
9AB4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93B99B 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 #93B99B looks like.

```
.text, #text, p{  
    color:#93B99B  
}
```

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 #93B99B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93B99B
}
```

## Border

The CSS property to change the border of an element to Hex 93B99B 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
#93B99B }
```

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

```
.border{ border-color:#93B99B }
```

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

Here you see how a box with a 4 pixel #93B99B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93B99B; -webkit-box-shadow:4px 4px  
4px 4px #93B99B; box-shadow:4px 4px 4px  
4px #93B99B }
```

# Background

The CSS property to change the background color of an element to Hex 93B99B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93B99B }
```

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

```
.background{ background-color:#93B99B }
```

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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