

# Converting Colors

Hex(93C99B)

Have a look what the booklet for  
Hex(93C99B) contains.

<b>Hex(93C99B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(93C99B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93C99B
RGB	147, 201, 155
RGB Percent	58%, 79%, 61%
CMY	0.4235, 0.2118, 0.3922
CMYK	0.27, 0.00, 0.23, 0.21
HSL	129°, 33%, 68%
HSV	129°, 27%, 79%
XYZ	38.8357, 50.3429, 38.6806
YIQ	179.6100, -17.4180, -25.7540

# Conversions

## Conversions Part 2

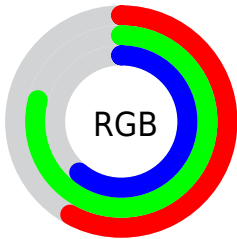
Format	Color
<a href="#">RYB</a>	<a href="#">147, 194, 201</a>
Decimal	<a href="#">9685403</a>
CIELab	<a href="#">76.28, -26.73, 17.45</a>
CIElCh	<a href="#">76, 31.926, 146.857</a>
Yxy	<a href="#">50.3429, 0.3037, 0.3937</a>
Android (android.graphics.Color)	<a href="#">4287875483</a> ( <a href="#">0xFF93C99B</a> )
YUV	<a href="#">179.6100, -12.1327, -28.5990</a>
Hunter-Lab	<a href="#">70.9527, -26.4661, 17.3443</a>

# Details

The Hex color **93C99B** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C993C1**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **CAFFD2**, and **5F9368** is the 20% darker color. If you saturate the color by 10%, you get **7FC98A**, and if you desaturate by 10%, it is **A7C9AC**.

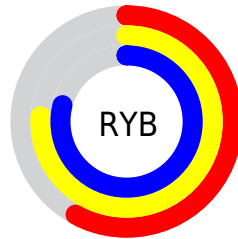
# Distribution



Red (58%)

Green (79%)

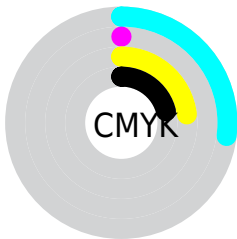
Blue (61%)



Red (58%)

Yellow (76%)

Blue (79%)

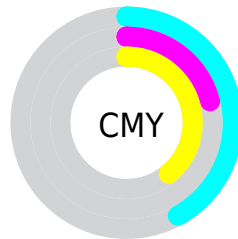


Cyan (27%)

Magenta (0%)

Yellow (23%)

Black (21%)



Cyan (42%)

Magenta (21%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93C99B 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 93C99B by changing the saturation by 10% instead.



 93C99B

 93C99B

FFFFFF

 79AD81

 CAFFD2

 5F9368

 E6FFEE

 46794F

 2D6038

 134822

 00310D

 001E00

 000000

 93C99B

 93C99B

 7FC98A

 A7C9AC

 6BC979

 BBC9BD

 57C968

 CFC9CE

 43C957

 E3C9DF

 2EC945

 F8C9F1

 1AC934

 FFC9FF

 06C923

 00C91E

# Harmonies

## Analogous

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



B5C287



93C99B



72CCB8

# Triad

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



93C99B



91C0F6



F7A8A3

# Complementary

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



93C99B



C993C1

# 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.



F3A6C0



93C99B



BCB6F1

# Square

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



93C99B



6BC8ED



DFACDD



EBAF8C

# Rectangle

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



93C99B



62CCCC



DFACDD



F7A7AC

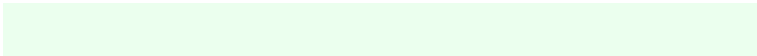


# Sweetspot

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



93C99B



EBFFEE



C2C993



738075



000000



808080

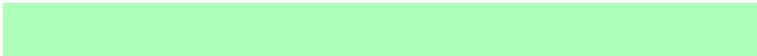


# Same Dimension

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



93C99B



ADFFB9



93C9B5



5A635B



00A318



002405



# Inverse Universe

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



C993C1



FFADF3



C993A7



635A62



A3008B

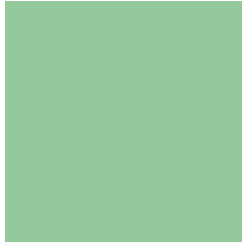


24001E



# Previews

## White Background



This preview shows how the Hex color 93C99B 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 93C99B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

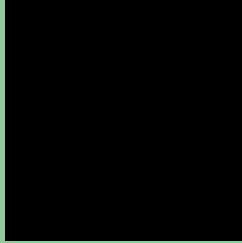
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 93C99B Background



This preview shows how black text looks on a background with the Hex color 93C99B.



This preview shows how white text looks on a background with the Hex color 93C99B.

# 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](#).

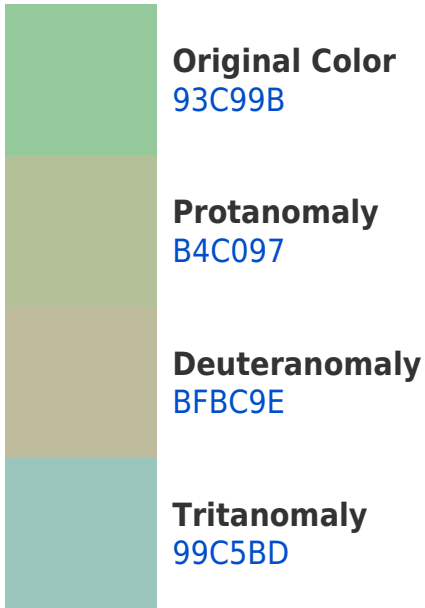
## Dichromacy



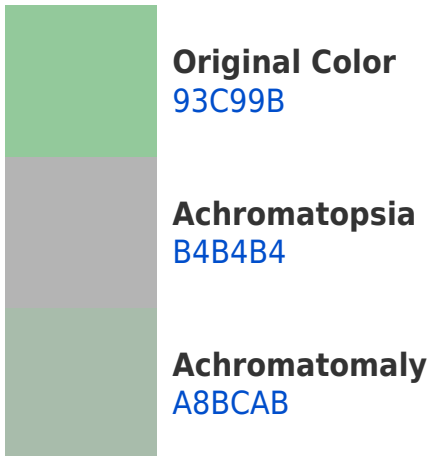


**Tritanopia**  
9DC2D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93C99B 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 #93C99B looks like.

```
.text, #text, p{  
    color:#93C99B  
}
```

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 #93C99B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93C99B
}
```

## Border

The CSS property to change the border of an element to Hex 93C99B 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
#93C99B }
```

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

```
.border{ border-color:#93C99B }
```

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

Here you see how a box with a 4 pixel #93C99B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93C99B; -webkit-box-shadow:4px 4px  
4px 4px #93C99B; box-shadow:4px 4px 4px  
4px #93C99B }
```

# Background

The CSS property to change the background color of an element to Hex 93C99B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93C99B }
```

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

```
.background{ background-color:#93C99B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor