

# Converting Colors

Hex(93C8BA)

Have a look what the booklet for  
Hex(93C8BA) contains.

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# **Color**

**Hex(93C8BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93C8BA
RGB	147, 200, 186
RGB Percent	58%, 78%, 73%
CMY	0.4235, 0.2157, 0.2706
CMYK	0.27, 0.00, 0.07, 0.22
HSL	164°, 33%, 68%
HSV	164°, 27%, 78%
XYZ	41.5498, 51.0568, 54.1194
YIQ	182.5570, -27.0940, -15.5900

# Conversions

## Conversions Part 2

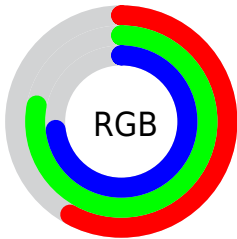
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 178, 200
Decimal	9685178
CIELab	76.71, -20.15, 1.42
CIELCh	77, 20.204, 175.958
Yxy	51.0568, 0.2832, 0.3480
Android (android.graphics.Color)	4287875258 (0xFF93C8BA)
YUV	182.5570, 1.6974, -31.1835
Hunter-Lab	71.4540, -21.2485, 5.1115

# Details

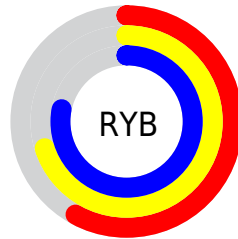
The Hex color **93C8BA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C893A1**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **CAFFF2**, and **5F9285** is the 20% darker color. If you saturate the color by 10%, you get **7FC8B5**, and if you desaturate by 10%, it is **A7C8BF**.

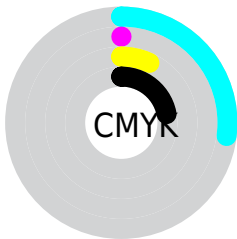
# Distribution



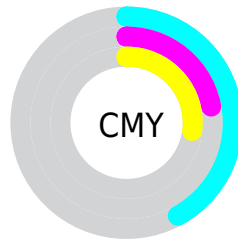
- Red (58%)
- Green (78%)
- Blue (73%)



- Red (58%)
- Yellow (70%)
- Blue (78%)



- Cyan (27%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)



- Cyan (42%)
- Magenta (22%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93C8BA 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 93C8BA by changing the saturation by 10% instead.



 93C8BA

 93C8BA

FFFFFF

 79AD9F

 CAFFF2

 5F9285

 E7FFFF

 46786C

 2D5F54

 13473C

 003027

 001D12

 000000

 93C8BA

 93C8BA

 7FC8B5

 A7C8BF

 6BC8AF

 BBC8C5

 57C8AA

 CFC8CA

 43C8A5

 E3C8CF

 2FC8A0

 F7C8D4

 1BC89A

 FFC8DA

 07C895

 FFC8DF

 00C893

 FFC8E4

 FFC8EA

# Harmonies

## Analogous

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



A5C6A8



93C8BA



8BC8CD

# Triad

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



93C8BA



BDB9DF



DDB59F

# Complementary

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



93C8BA



C893A1

# 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.



E4B1AE



93C8BA



D3B4D2

# Square

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



93C8BA



A5C0E2



E1B0C1



CEBB98

# Rectangle

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



93C8BA



8DC6D7



E1B0C1



E1B3A3



# Sweetspot

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



93C8BA



EBFFFA



A1C893



73807C



000000



808080



# Same Dimension

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



93C8BA



ADFFE9



93BCC8



5A6361



00A378



00241A



# Inverse Universe

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



C893A1



FFADC3



C89F93



635A5C



A3002B

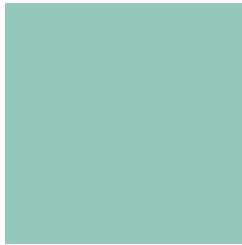


240009



# Previews

## White Background



This preview shows how the Hex color 93C8BA looks on a white background.

## Color Contrast Check

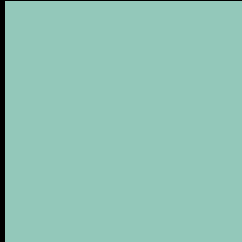
Large Text (above 18pt) WCAG AA × Fail

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 93C8BA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

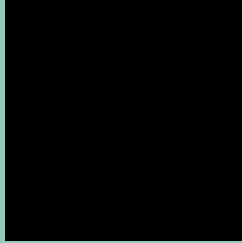
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 93C8BA Background



This preview shows how black text looks on a background with the Hex color 93C8BA.



This preview shows how white text looks on a background with the Hex color 93C8BA.

# 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](#).

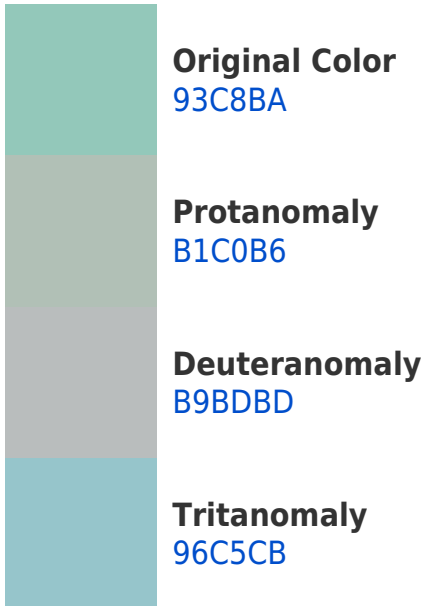
## Dichromacy



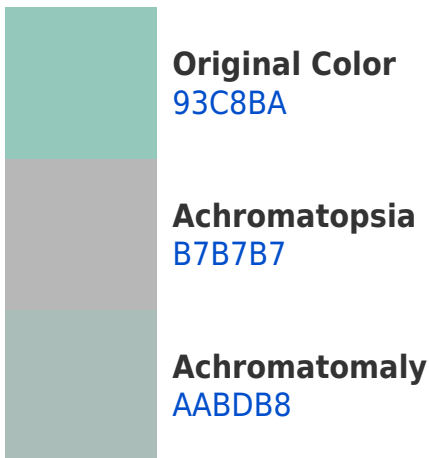


**Tritanopia**  
98C4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93C8BA 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 #93C8BA looks like.

```
.text, #text, p{  
    color:#93C8BA  
}
```

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 #93C8BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93C8BA
}
```

## Border

The CSS property to change the border of an element to Hex 93C8BA 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
#93C8BA }
```

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

```
.border{ border-color:#93C8BA }
```

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

Here you see how a box with a 4 pixel #93C8BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93C8BA; -webkit-box-shadow:4px 4px  
4px 4px #93C8BA; box-shadow:4px 4px 4px  
4px #93C8BA }
```

# Background

The CSS property to change the background color of an element to Hex 93C8BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93C8BA }
```

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

```
.background{ background-color:#93C8BA }
```

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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