

# Converting Colors

Hex(93B8AA)

Have a look what the booklet for  
Hex(93B8AA) contains.

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# **Color**

**Hex(93B8AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93B8AA
RGB	147, 184, 170
RGB Percent	58%, 72%, 67%
CMY	0.4235, 0.2784, 0.3333
CMYK	0.20, 0.00, 0.08, 0.28
HSL	157°, 21%, 65%
HSV	157°, 20%, 72%
XYZ	36.4288, 43.3863, 44.4846
YIQ	171.3410, -17.5580, -12.1980

# Conversions

## Conversions Part 2

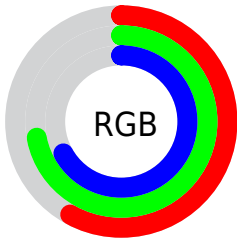
Format	Color
<a href="#">RYB</a>	<a href="#">147, 170, 184</a>
Decimal	<a href="#">9681066</a>
CIELab	<a href="#">71.82, -15.32, 3.00</a>
CIELCh	<a href="#">72, 15.616, 168.912</a>
Yxy	<a href="#">43.3863, 0.2931, 0.3490</a>
Android (android.graphics.Color)	<a href="#">4287871146 (0xFF93B8AA)</a>
YUV	<a href="#">171.3410, -0.6611, -21.3471</a>
Hunter-Lab	<a href="#">65.8683, -16.5491, 6.0659</a>

# Details

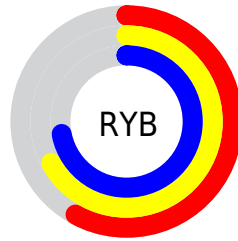
The Hex color **93B8AA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B893A1**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **C9F0E1**, and **608376** is the 20% darker color. If you saturate the color by 10%, you get **81B8A3**, and if you desaturate by 10%, it is **A5B8B1**.

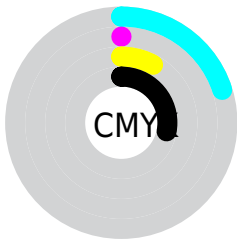
# Distribution



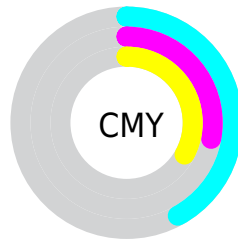
- Red (58%)
- Green (72%)
- Blue (67%)



- Red (58%)
- Yellow (67%)
- Blue (72%)



- Cyan (20%)
- Magenta (0%)
- Yellow (8%)
- Black (28%)



- Cyan (42%)
- Magenta (28%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93B8AA 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 93B8AA by changing the saturation by 10% instead.



 93B8AA

 93B8AA

FFFFFF

 799D90

 C9F0E1

 608376

 E6FFFE

 476A5D

 305146

 193A2F

 03241B

 000C00

 000000

 93B8AA

 93B8AA

 81B8A3

 A5B8B1

 6EB89C

 B8B8B8

 5CB895

 CAB8BF

 49B88E

 DDB8C6

 37B887

 EFB8CD

 25B880

 FFB8D4

 12B879

 FFB8DB

 00B872

 FFB8E2

 FFB8E9

# Harmonies

## Analogous

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



A1B69D



93B8AA



8BB8B9

# Triad

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



93B8AA



ACAECB



CBA99B

# Complementary

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



93B8AA



B893A1

# 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.



CEA6A7



93B8AA



BDAAC3

# Square

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



93B8AA



9AB3CC



CAA7B6



C1AD94

# Rectangle

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



93B8AA



8CB7C1



CAA7B6



CDA89F

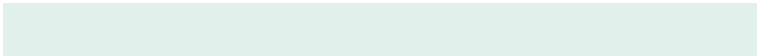


# Sweetspot

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



93B8AA



E1F0EA



A1B893



6F7875



F7F7F7



787878



# Same Dimension

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



93B8AA



B6F0DA



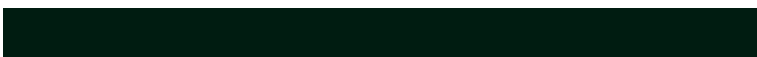
93B4B8



535C58



009C61



001C11



# Inverse Universe

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



B893A1



F0B6CC



B89793



5C5356



9C003B

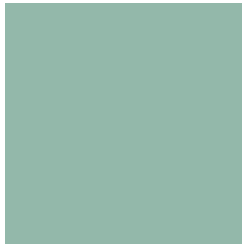


1C000B



# Previews

## White Background



This preview shows how the Hex color 93B8AA looks on a white background.

## Color Contrast Check

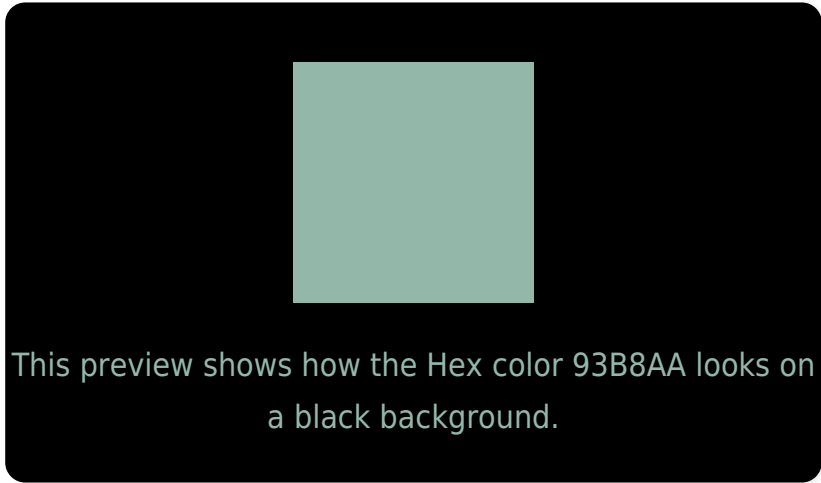
Large Text (above 18pt) WCAG AA × Fail

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

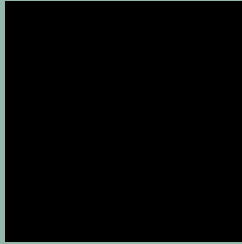
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 93B8AA Background



This preview shows how black text looks on a background with the Hex color 93B8AA.

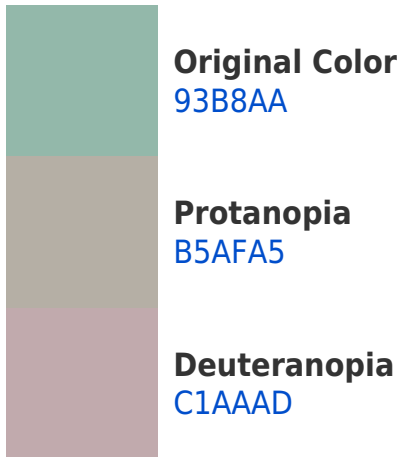


This preview shows how white text looks on a background with the Hex color 93B8AA.

# 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](#).

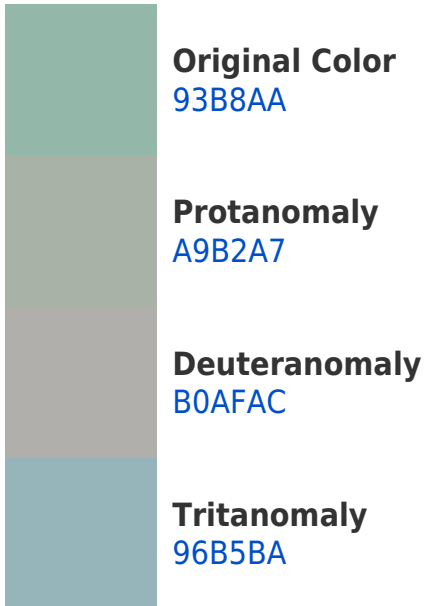
## Dichromacy



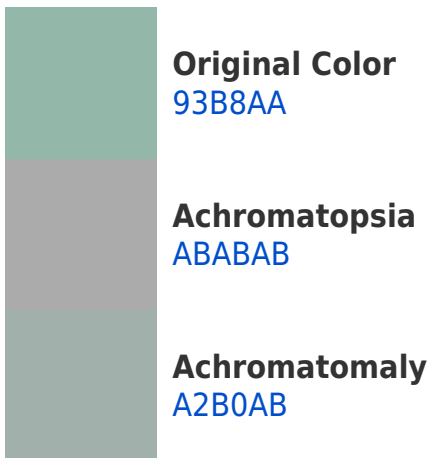


**Tritanopia**  
98B4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93B8AA 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 #93B8AA looks like.

```
.text, #text, p{  
    color:#93B8AA  
}
```

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 #93B8AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93B8AA
}
```

## Border

The CSS property to change the border of an element to Hex 93B8AA 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
#93B8AA }
```

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

```
.border{ border-color:#93B8AA }
```

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

Here you see how a box with a 4 pixel #93B8AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93B8AA; -webkit-box-shadow:4px 4px  
4px 4px #93B8AA; box-shadow:4px 4px 4px  
4px #93B8AA }
```

# Background

The CSS property to change the background color of an element to Hex 93B8AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93B8AA }
```

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

```
.background{ background-color:#93B8AA }
```

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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