

# Converting Colors

Hex(93B8A4)

Have a look what the booklet for  
Hex(93B8A4) contains.

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# **Color**

**Hex(93B8A4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93B8A4
RGB	147, 184, 164
RGB Percent	58%, 72%, 64%
CMY	0.4235, 0.2784, 0.3569
CMYK	0.20, 0.00, 0.11, 0.28
HSL	148°, 21%, 65%
HSV	148°, 20%, 72%
XYZ	35.8740, 43.1644, 41.5628
YIQ	170.6570, -15.6320, -14.0640

# Conversions

## Conversions Part 2

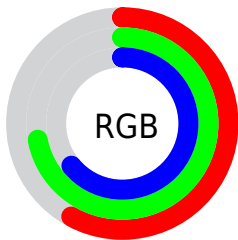
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 172, 184
Decimal	9681060
CIELab	71.67, -16.53, 6.07
CIELCh	72, 17.610, 159.845
Yxy	43.1644, 0.2975, 0.3579
Android (android.graphics.Color)	4287871140 (0xFF93B8A4)
YUV	170.6570, -3.2819, -20.7472
Hunter-Lab	65.6996, -17.5079, 8.4818

# Details

The Hex color **93B8A4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B893A7**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **C9F0DB**, and **608370** is the 20% darker color. If you saturate the color by 10%, you get **81B89A**, and if you desaturate by 10%, it is **A5B8AE**.

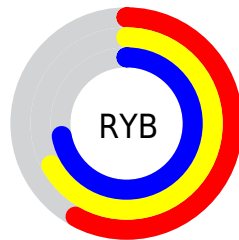
# Distribution



Red (58%)

Green (72%)

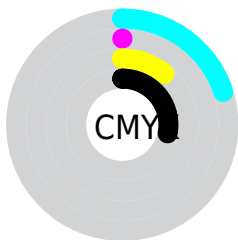
Blue (64%)



Red (58%)

Yellow (67%)

Blue (72%)

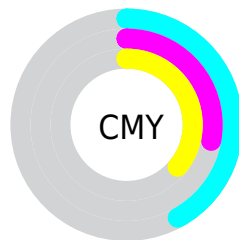


Cyan (20%)

Magenta (0%)

Yellow (11%)

Black (28%)



Cyan (42%)

Magenta (28%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93B8A4 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 93B8A4 by changing the saturation by 10% instead.





93B8A4



93B8A4

FFFFFF



799D8A



C9F0DB



608370



E6FFF7



476A58



305141



193A2B



032416



000B00



000000



93B8A4



93B8A4

 81B89A

 A5B8AE

 6EB890

 B8B8B8

 5CB886

 CAB8C2

 49B87C

 DDB8CC

 37B872

 EFB8D6

 25B868

 FFB8E0

 12B85E

 FFB8EA

 00B855

 FFB8F4

 FFB8FE

# Harmonies

## Analogous

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



A4B597



93B8A4



87B9B4

# Triad

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



93B8A4



A4AFCF



D0A69C

# Complementary

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



93B8A4



B893A7

# 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.



D1A4AB



93B8A4



B9AAC8

# Square

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



93B8A4



91B4CD



C9A6BB



C6AB92

# Rectangle

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



93B8A4



85B8BF



C9A6BB



D1A5A0

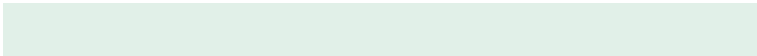


# Sweetspot

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



93B8A4



E1F0E8



A7B893



6F7873



F7F7F7



787878

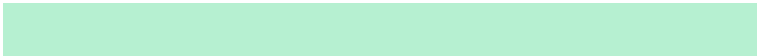


# Same Dimension

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



93B8A4



B6F0D1



93B8B6



535C57



009C47



001C0D



# Inverse Universe

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



B893A7



F0B6D5



B89395



5C5358



9C0054



1C000F



# Previews

## White Background



This preview shows how the Hex color 93B8A4 looks on a white background.

## Color Contrast Check

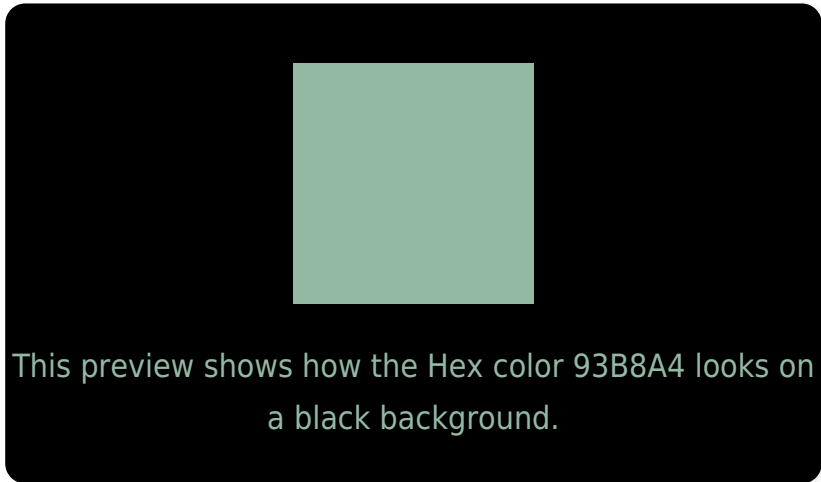
Large Text (above 18pt) WCAG AA × Fail

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

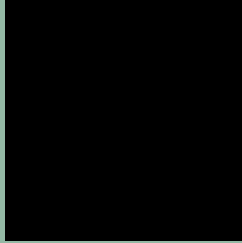
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 93B8A4 Background



This preview shows how black text looks on a background with the Hex color 93B8A4.



This preview shows how white text looks on a background with the Hex color 93B8A4.

# 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](#).

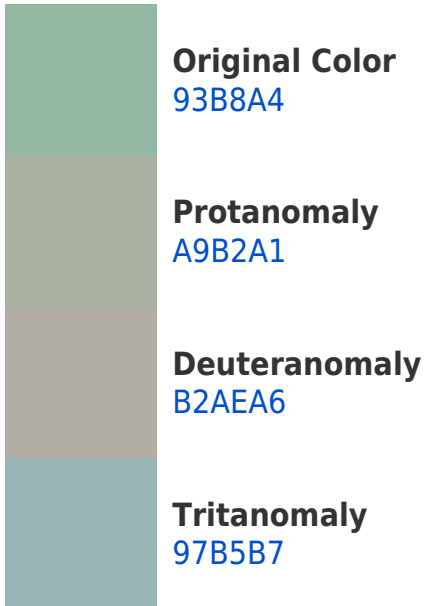
## Dichromacy



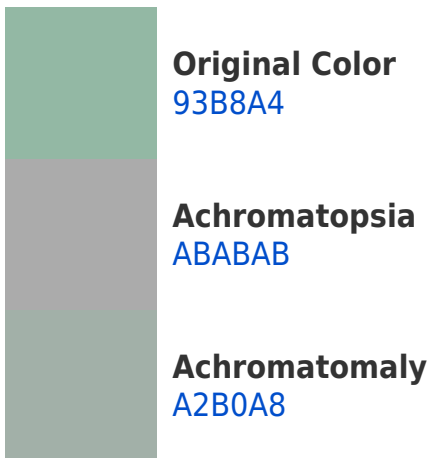


**Tritanopia**  
99B4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93B8A4 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 #93B8A4 looks like.

```
.text, #text, p{  
    color:#93B8A4  
}
```

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 #93B8A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93B8A4
}
```

## Border

The CSS property to change the border of an element to Hex 93B8A4 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
#93B8A4 }
```

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

```
.border{ border-color:#93B8A4 }
```

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

Here you see how a box with a 4 pixel #93B8A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93B8A4; -webkit-box-shadow:4px 4px  
4px 4px #93B8A4; box-shadow:4px 4px 4px  
4px #93B8A4 }
```

# Background

The CSS property to change the background color of an element to Hex 93B8A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93B8A4 }
```

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

```
.background{ background-color:#93B8A4 }
```

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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