

# Converting Colors

Hex(93AF8E)

Have a look what the booklet for  
Hex(93AF8E) contains.

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# **Color**

**Hex(93AF8E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93AF8E
RGB	147, 175, 142
RGB Percent	58%, 69%, 56%
CMY	0.4235, 0.3137, 0.4431
CMYK	0.16, 0.00, 0.19, 0.31
HSL	111°, 17%, 62%
HSV	111°, 19%, 69%
XYZ	32.2451, 38.8160, 31.3839
YIQ	162.8660, -6.0950, -16.1990

# Conversions

## Conversions Part 2

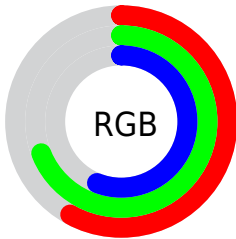
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 175, 170
Decimal	9678734
CIELab	68.62, -16.01, 13.78
CIElCh	69, 21.124, 139.283
Yxy	38.8160, 0.3148, 0.3789
Android (android.graphics.Color)	4287868814 (0xFF93AF8E)
YUV	162.8660, -10.2869, -13.9145
Hunter-Lab	62.3025, -16.6454, 13.7453

# Details

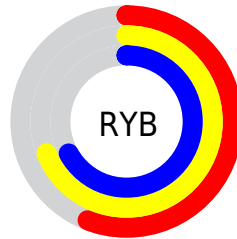
The Hex color **93AF8E** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **AA8EAF**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **C9E7C4**, and **607A5C** is the 20% darker color. If you saturate the color by 10%, you get **84AF7D**, and if you desaturate by 10%, it is **A2AFA0**.

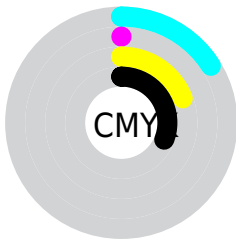
# Distribution



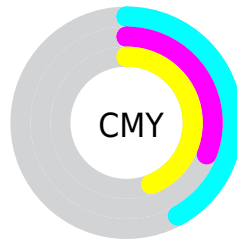
- Red (58%)
- Green (69%)
- Blue (56%)



- Red (56%)
- Yellow (69%)
- Blue (67%)



- Cyan (16%)
- Magenta (0%)
- Yellow (19%)
- Black (31%)



- Cyan (42%)
- Magenta (31%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93AF8E 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 93AF8E by changing the saturation by 10% instead.





93AF8E



93AF8E

FFFFFF



799474



C9E7C4



607A5C



E5FFE0



486244



FFFFFFC



314A2E



1B3319



051E00



000000



93AF8E



93AF8E



84AF7D



A2AFA0

 75AF6B

 B1AFB1

 66AF5A

 C0AFC3

 58AF48

 CEAFD4

 49AF36

 DDAFE6

 3AAF25

 ECAFF7

 2BAF14

 FBAFFF

 1CAF02

 FFAFFF

 1BAF00

# Harmonies

## Analogous

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



A9AA83



93AF8E



7FB2A0

# Triad

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



93AF8E



88ABCC



CF9A9C

# Complementary

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



93AF8E



AA8EAF

# 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.



C99AAF



93AF8E



A2A5CB

# Square

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



93AF8E



76B0C4



B99FC0



CA9E8B

# Rectangle

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



93AF8E



76B2AD



B99FC0



CE9AA2



# Sweetspot

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



93AF8E



D7E3D5



AFAA8E



6C736B



F2F2F2



737373



# Same Dimension

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



93AF8E



B7E3AF



8EAF99



4F574E



179600



031700



# Inverse Universe

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



AA8EAF



DBAFE3



AF8EA4



554E57



800096

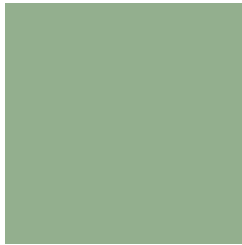


130017



# Previews

## White Background



This preview shows how the Hex color 93AF8E looks on a white background.

## Color Contrast Check

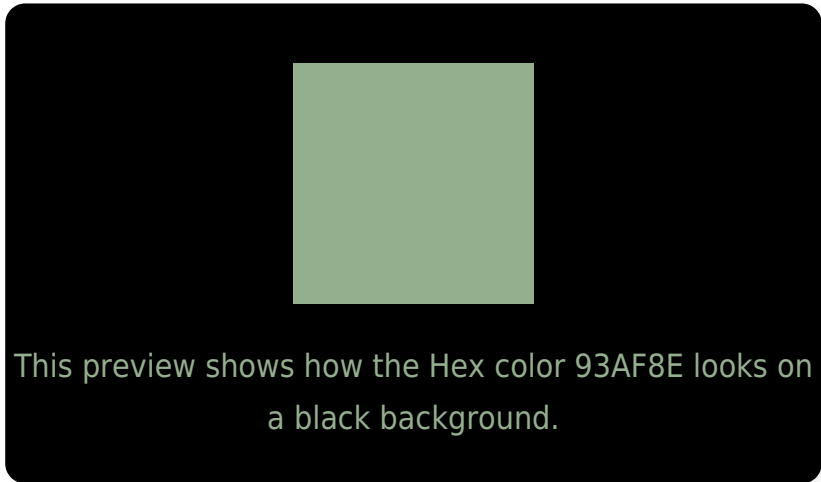
Large Text (above 18pt) WCAG AA × Fail

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

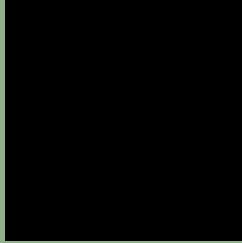
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 93AF8E Background



This preview shows how black text looks on a background with the Hex color 93AF8E.

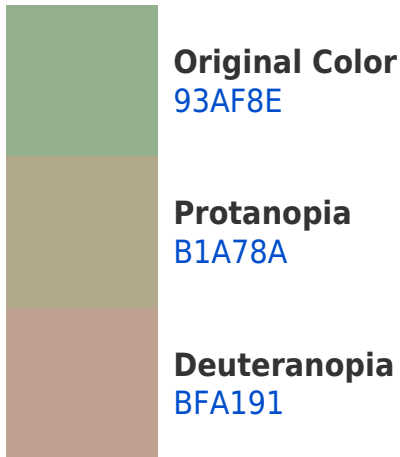


This preview shows how white text looks on a background with the Hex color 93AF8E.

# 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](#).

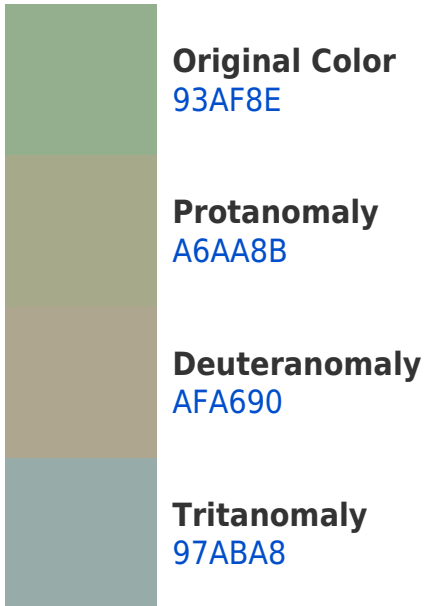
## Dichromacy



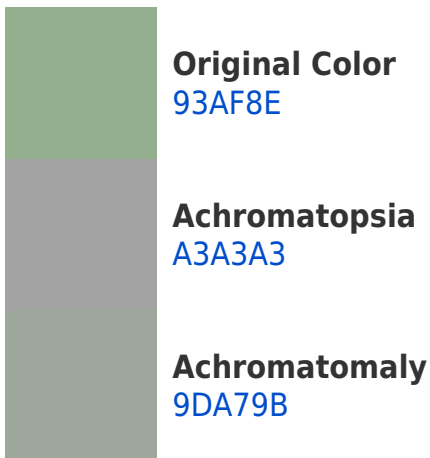


**Tritanopia**  
9AA9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93AF8E 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 #93AF8E looks like.

```
.text, #text, p{  
    color:#93AF8E  
}
```

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 #93AF8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93AF8E
}
```

## Border

The CSS property to change the border of an element to Hex 93AF8E 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
#93AF8E }
```

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

```
.border{ border-color:#93AF8E }
```

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

Here you see how a box with a 4 pixel #93AF8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93AF8E; -webkit-box-shadow:4px 4px  
4px 4px #93AF8E; box-shadow:4px 4px 4px  
4px #93AF8E }
```

# Background

The CSS property to change the background color of an element to Hex 93AF8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93AF8E }
```

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

```
.background{ background-color:#93AF8E }
```

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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