

# Converting Colors

Hex(9A8E8B)

Have a look what the booklet for  
Hex(9A8E8B) contains.

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# Color

**Hex(9A8E8B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A8E8B
RGB	154, 142, 139
RGB Percent	60%, 56%, 55%
CMY	0.3961, 0.4431, 0.4549
CMYK	0.00, 0.08, 0.10, 0.40
HSL	12°, 7%, 57%
HSV	12°, 10%, 60%
XYZ	27.6596, 28.0801, 28.3883
YIQ	145.2460, 8.1150, 1.6110

# Conversions

## Conversions Part 2

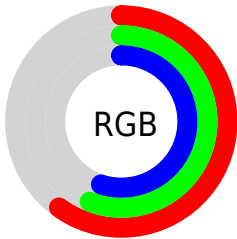
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	154, 143, 139
Decimal	10129035
CIE Lab	59.96, 3.92, 3.20
CIE LCh	60, 5.060, 39.212
Yxy	28.0801, 0.3288, 0.3338
Android (android.graphics.Color)	4288319115 (0xFF9A8E8B)
YUV	145.2460, -3.0793, 7.6773
Hunter-Lab	52.9907, 0.4383, 5.3305

# Details

The Hex color **9A8E8B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8B979A**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **D0C4C0**, and **675C59** is the 20% darker color. If you saturate the color by 10%, you get **9A827C**, and if you desaturate by 10%, it is **9A9A9A**.

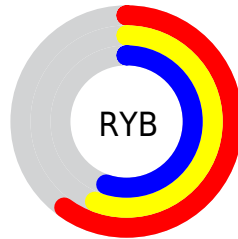
# Distribution



Red (60%)

Green (56%)

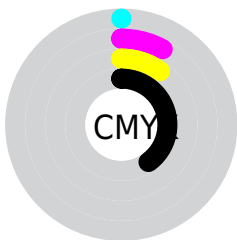
Blue (55%)



Red (60%)

Yellow (56%)

Blue (55%)

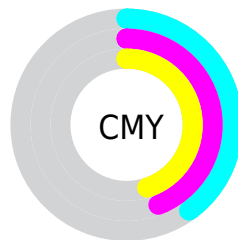


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (40%)



Cyan (40%)

Magenta (44%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A8E8B 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 9A8E8B by changing the saturation by 10% instead.





9A8E8B



9A8E8B

FFFFFF



807472



D0C4C0



675C59



EDE0DC



4F4442



FFFCF9



382E2C



221917



0A0000



000000



9A8E8B



9A8E8B



9A827C



9A9A9A

 9A756C

 9AA7AA

 9A695D

 9AB3B9

 9A5D4D

 9ABFC9

 9A503E

 9ACCD8

 9A442F

 9AD8E7

 9A381F

 9AE4F7

 9A2B10

 9AF1FF

 9A1F00

 9AFDFE

# Harmonies

## Analogous

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



9A8E8F



9A8E8B



978F88

# Triad

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



9A8E8B



89938D



8E9099

# Complementary

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



9A8E8B



8B979A

# 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.



899299



9A8E8B



869392

# Square

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



9A8E8B



8E928A



869396



938F97

# Rectangle

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



9A8E8B



959088



869396



8C9199



# Sweetspot

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



9A8E8B



C9C5C3



9A8B97



666362



E6E6E6



666666



# Same Dimension

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



9A8E8B



C9B6B1



9A958B



4D4645



8C1C00



0D0300



# Inverse Universe

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



8B979A



B1C5C9



8B8F9A



454B4D



00708C



000A0D



# Previews

## White Background



This preview shows how the Hex color 9A8E8B looks on a white background.

## Color Contrast Check

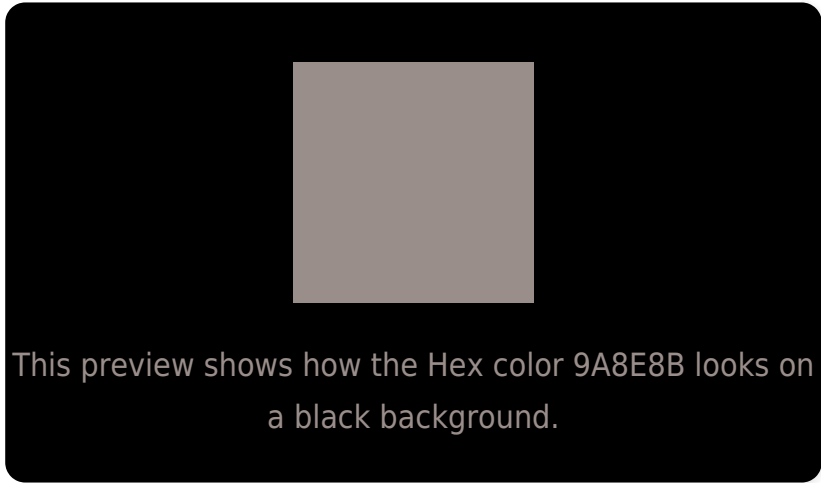
Large Text (above 18pt) WCAG AA ✓ Pass

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

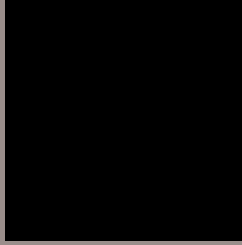
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

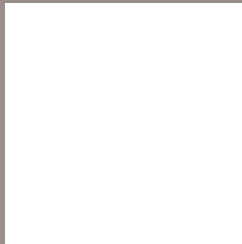
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9A8E8B Background



This preview shows how black text looks on a background with the Hex color 9A8E8B.



This preview shows how white text looks on a background with the Hex color 9A8E8B.

# 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



**Original Color**  
9A8E8B

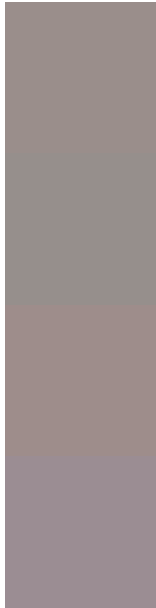
**Protanopia**  
94908C

**Deuteranopia**  
A08C8B



**Tritanopia**  
9C8C97

# Trichromacy



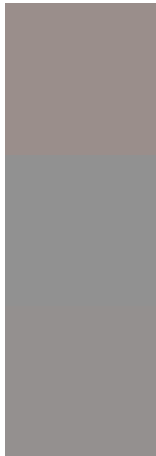
**Original Color**  
9A8E8B

**Protanomaly**  
968F8C

**Deuteranomaly**  
9E8D8B

**Tritanomaly**  
9B8D93

# Monochromacy



**Original Color**  
9A8E8B

**Achromatopsia**  
919191

**Achromatomaly**  
94908F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A8E8B 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 #9A8E8B looks like.

```
.text, #text, p{  
    color:#9A8E8B  
}
```

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 #9A8E8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A8E8B
}
```

## Border

The CSS property to change the border of an element to Hex 9A8E8B is called "border". The border property can be set on classes, ids or directly on the HTML element.

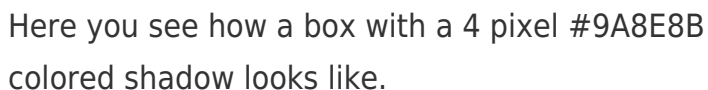
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A8E8B }
```

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

```
.border{ border-color:#9A8E8B }
```

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



Here you see how a box with a 4 pixel #9A8E8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A8E8B; -webkit-box-shadow:4px 4px  
4px 4px #9A8E8B; box-shadow:4px 4px 4px  
4px #9A8E8B }
```

# Background

The CSS property to change the background color of an element to Hex 9A8E8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A8E8B }
```

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

```
.background{ background-color:#9A8E8B }
```

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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