

# Converting Colors

Hex(9EAAB8)

Have a look what the booklet for  
Hex(9EAAB8) contains.

<b>Hex(9EAAB8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(9EAAB8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EAAB8
RGB	158, 170, 184
RGB Percent	62%, 67%, 72%
CMY	0.3804, 0.3333, 0.2784
CMYK	0.14, 0.08, 0.00, 0.28
HSL	212°, 15%, 67%
HSV	212°, 14%, 72%
XYZ	37.1270, 39.4792, 51.0109
YIQ	168.0080, -11.6460, 1.8100

# Conversions

## Conversions Part 2

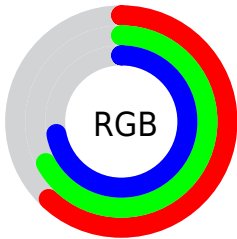
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	158, 166, 184
Decimal	10398392
CIE Lab	69.10, -1.30, -8.61
CIE LCh	69, 8.711, 261.434
Yxy	39.4792, 0.2909, 0.3094
Android (android.graphics.Color)	4288588472 (0xFF9EAAB8)
YUV	168.0080, 7.8841, -8.7770
Hunter-Lab	62.8325, -4.4833, -4.1521

# Details

The Hex color **9EAAB8** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B8AC9E**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **D5E1F0**, and **6A7683** is the 20% darker color. If you saturate the color by 10%, you get **8CA0B8**, and if you desaturate by 10%, it is **B0B4B8**.

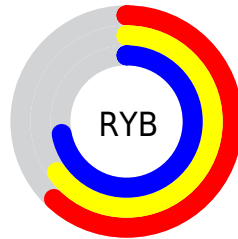
# Distribution



Red (62%)

Green (67%)

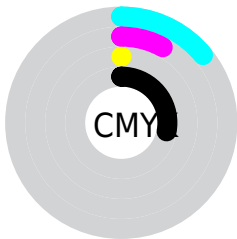
Blue (72%)



Red (62%)

Yellow (65%)

Blue (72%)

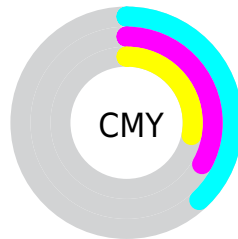


Cyan (14%)

Magenta (8%)

Yellow (0%)

Black (28%)



Cyan (38%)

Magenta (33%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EAAB8 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 9EAAB8 by changing the saturation by 10% instead.



■ 9EAAB8

■ 9EAAB8

FFFFFF

■ 84909D

■ D5E1F0

■ 6A7683

■ F1FEFF

■ 525D6A

■ 3B4652

■ 252F3B

■ 101B25

■ 000110

■ 000000

■ 9EAAB8

■ 9EAAB8

 8CA0B8

 B0B4B8

 7996B8

 C3BEB8

 678CB8

 D5C8B8

 5482B8

 E8D2B8

 4278B8

 FADCB8

 306FB8

 FFE5B8

 1D65B8

 FFEFB8

 0B5BB8

 FFF9B8

 0055B8

 FFFFB8

# Harmonies

## Analogous

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



97ACB5



9EAAB8



A8A7B7

# Triad

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



9EAAB8



BAA4A3



A0AC9F

# Complementary

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



9EAAB8



B8AC9E

# 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.



A9AA9A



9EAAB8



B8A59D

# Square

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



9EAAB8



B8A4AB



B2A799



99ADA6

# Rectangle

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



9EAAB8



AEA6B4



B2A799



A3AB9D

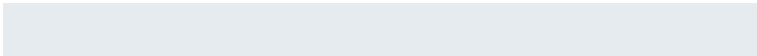


# Sweetspot

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



9EAAB8



E6EBF0



9EB8AC



727578



F7F7F7



787878



# Same Dimension

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



9EAAB8



C7DAF0



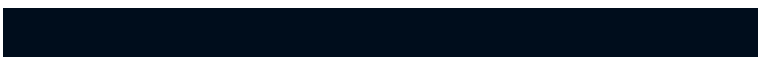
9F9EB8



53575C



00489C



000D1C



# Inverse Universe

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



B89EAA



F0C7DA



B7B89E



5C5357



9C0048

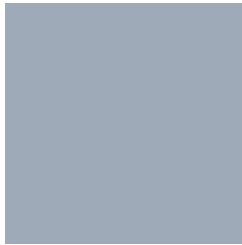


1C000D



# Previews

## White Background



This preview shows how the Hex color 9EAAB8 looks on a white background.

## Color Contrast Check

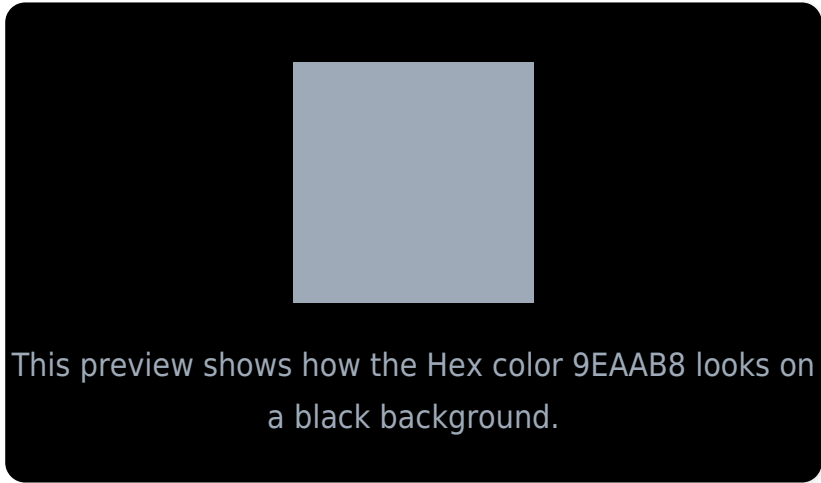
Large Text (above 18pt) WCAG AA × Fail

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

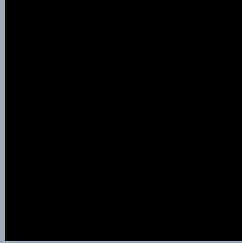
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

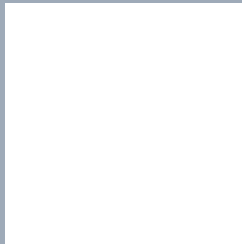
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9EAAB8 Background



This preview shows how black text looks on a background with the Hex color 9EAAB8.

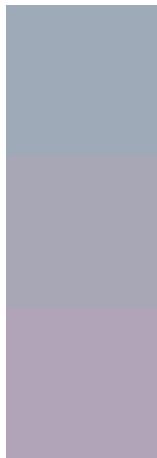


This preview shows how white text looks on a background with the Hex color 9EAAB8.

# 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**  
9EAAB8

**Protanopia**  
A7A7B6

**Deuteranopia**  
B1A4B9



**Tritanopia**  
9EAAB8

# Trichromacy



**Original Color**  
9EAAB8

**Protanomaly**  
A4A8B7

**Deuteranomaly**  
AAA6B9

**Tritanomaly**  
9EAAB8

# Monochromacy



**Original Color**  
9EAAB8

**Achromatopsia**  
A8A8A8

**Achromatomaly**  
A4A9AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EAAB8 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 #9EAAB8 looks like.

```
.text, #text, p{  
    color:#9EAAB8  
}
```

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 #9EAAB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EAAB8
}
```

## Border

The CSS property to change the border of an element to Hex 9EAAB8 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
#9EAAB8 }
```

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

```
.border{ border-color:#9EAAB8 }
```

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

Here you see how a box with a 4 pixel #9EAAB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EAAB8; -webkit-box-shadow:4px 4px  
4px 4px #9EAAB8; box-shadow:4px 4px 4px  
4px #9EAAB8 }
```

# Background

The CSS property to change the background color of an element to Hex 9EAAB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EAAB8 }
```

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

```
.background{ background-color:#9EAAB8 }
```

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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