

# Converting Colors

Hex(9FA8AE)

Have a look what the booklet for  
Hex(9FA8AE) contains.

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# Color

**Hex(9FA8AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FA8AE
RGB	159, 168, 174
RGB Percent	62%, 66%, 68%
CMY	0.3765, 0.3412, 0.3176
CMYK	0.09, 0.03, 0.00, 0.32
HSL	204°, 8%, 65%
HSV	204°, 9%, 68%
XYZ	35.9407, 38.4322, 45.5683
YIQ	165.9930, -7.2900, -0.0420

# Conversions

## Conversions Part 2

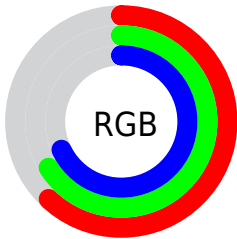
<b>Format</b>	<b>Color</b>
<b>RYB</b>	159, 165, 174
Decimal	10463406
CIELab	68.34, -1.96, -4.19
CIELCh	68, 4.626, 244.917
Yxy	38.4322, 0.2997, 0.3204
Android (android.graphics.Color)	4288653486 (0xFF9FA8AE)
YUV	165.9930, 3.9475, -6.1329
Hunter-Lab	61.9937, -5.0040, -0.1853

# Details

The Hex color **9FA8AE** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AEA59F**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **D6DFE5**, and **6C747A** is the 20% darker color. If you saturate the color by 10%, you get **8EA1AE**, and if you desaturate by 10%, it is **B0AFAE**.

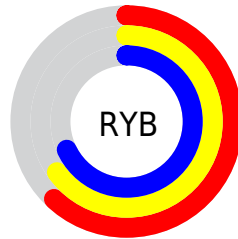
# Distribution



Red (62%)

Green (66%)

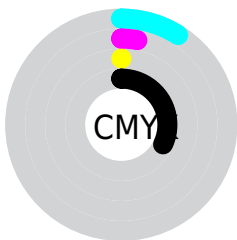
Blue (68%)



Red (62%)

Yellow (65%)

Blue (68%)

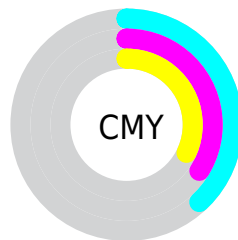


Cyan (9%)

Magenta (3%)

Yellow (0%)

Black (32%)



Cyan (38%)

Magenta (34%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FA8AE 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 9FA8AE by changing the saturation by 10% instead.



■ 9FA8AE

■ 9FA8AE

FFFFFF

■ 858E93

■ D6DFE5

■ 6C747A

■ F2FCFF

■ 535B61

■ 3C4449

■ 262E33

■ 12191E

■ 000003

■ 000000

■ 9FA8AE

■ 9FA8AE

8EA1AE

B0AFAE

7C9AAE

C2B6AE

6B93AE

D3BDAE

598CAE

E5C4AE

4885AE

F6CBAE

377EAE

FFD2AE

2577AE

FFD9AE

1470AE

FFE0AE

0269AE

FFE7AE

# Harmonies

## Analogous

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



9DA9AB



9FA8AE



A3A7AF

# Triad

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



9FA8AE



B0A4A6



A5A8A0

# Complementary

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



9FA8AE



AEA59F

# 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.



AAA79E



9FA8AE



B0A4A2

# Square

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



9FA8AE



ADA4AA



AEA59F



A0A9A3

# Rectangle

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



9FA8AE



A7A6AE



AEA59F



A6A79F



# Sweetspot

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



9FA8AE



DCE0E3



9FAEA5



6E7173



F2F2F2



737373

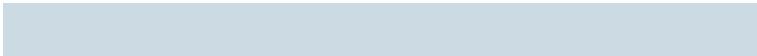


# Same Dimension

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



9FA8AE



CCDAE3



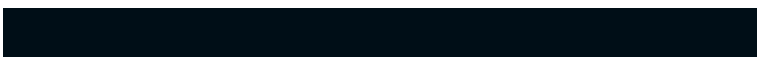
9FA1AE



4E5357



005A96



000E17



# Inverse Universe

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



AE9FA8



E3CCDA



AEAD9F



574E53



96005A

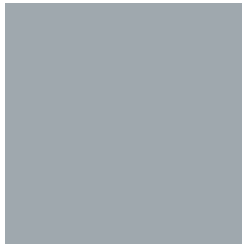


17000E



# Previews

## White Background



This preview shows how the Hex color 9FA8AE looks on a white background.

## Color Contrast Check

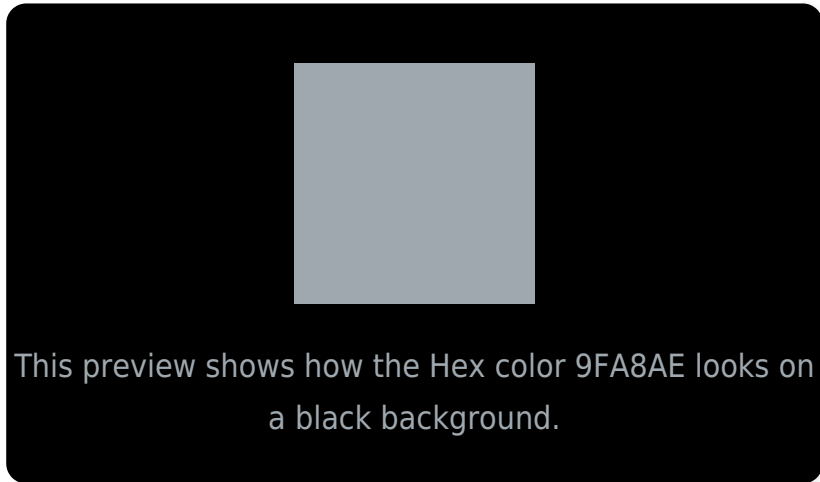
Large Text (above 18pt) WCAG AA × Fail

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

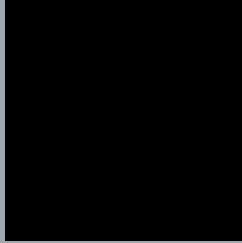
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

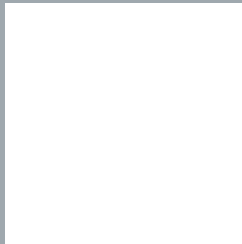
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9FA8AE Background



This preview shows how black text looks on a background with the Hex color 9FA8AE.



This preview shows how white text looks on a background with the Hex color 9FA8AE.

# 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**  
9FA8AE

**Protanopia**  
A8A6AD

**Deuteranopia**  
B3A2AF



**Tritanopia**  
A0A7B4

# Trichromacy



**Original Color**  
9FA8AE

**Protanomaly**  
A5A7AD

**Deuteranomaly**  
ACA4AF

**Tritanomaly**  
A0A7B2

# Monochromacy



**Original Color**  
9FA8AE

**Achromatopsia**  
A6A6A6

**Achromatomaly**  
A3A7A9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FA8AE 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 #9FA8AE looks like.

```
.text, #text, p{  
    color:#9FA8AE  
}
```

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 #9FA8AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FA8AE
}
```

## Border

The CSS property to change the border of an element to Hex 9FA8AE 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
#9FA8AE }
```

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

```
.border{ border-color:#9FA8AE }
```

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

Here you see how a box with a 4 pixel #9FA8AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FA8AE; -webkit-box-shadow:4px 4px  
4px 4px #9FA8AE; box-shadow:4px 4px 4px  
4px #9FA8AE }
```

# Background

The CSS property to change the background color of an element to Hex 9FA8AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FA8AE }
```

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

```
.background{ background-color:#9FA8AE }
```

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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