

# Converting Colors

Hex(9CA68F)

Have a look what the booklet for  
Hex(9CA68F) contains.

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# **Color**

**Hex(9CA68F)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 9CA68F                    |
| RGB         | 156, 166, 143             |
| RGB Percent | 61%, 65%, 56%             |
| CMY         | 0.3882, 0.3490, 0.4392    |
| CMYK        | 0.06, 0.00, 0.14, 0.35    |
| HSL         | 86°, 11%, 61%             |
| HSV         | 86°, 14%, 65%             |
| XYZ         | 32.3044, 36.3235, 31.2951 |
| YIQ         | 160.3880, 1.4230, -9.2730 |

# Conversions

## Conversions Part 2

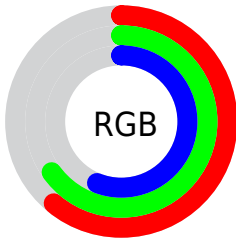
| <b>Format</b>                       | <b>Color</b>   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">143, 166, 153</a>                                |
| Decimal                             | <a href="#">10266255</a>                                     |
| <a href="#">CIELab</a>              | <a href="#">66.77, -7.82, 10.71</a>                          |
| <a href="#">CIElCh</a>              | <a href="#">67, 13.261, 126.117</a>                          |
| <a href="#">Yxy</a>                 | <a href="#">36.3235, 0.3233, 0.3635</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4288456335</a><br>( <a href="#">0xFF9CA68F</a> ) |
| <a href="#">YUV</a>                 | <a href="#">160.3880, -8.5723, -3.8483</a>                   |
| <a href="#">Hunter-Lab</a>          | <a href="#">60.2690, -9.7940, 11.4015</a>                    |

# Details

The Hex color **9CA68F** is a light color, and the websafe version is hex **999999**. A complement of this color would be **998FA6**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **D3DDC5**, and **69725D** is the 20% darker color. If you saturate the color by 10%, you get **95A67E**, and if you desaturate by 10%, it is **A3A6A0**.

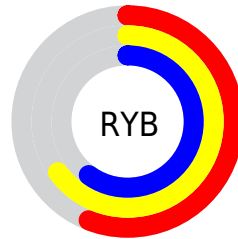
# Distribution



Red (61%)

Green (65%)

Blue (56%)



Red (56%)

Yellow (65%)

Blue (60%)

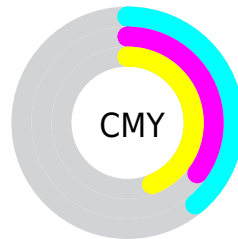


Cyan (6%)

Magenta (0%)

Yellow (14%)

Black (35%)



Cyan (39%)

Magenta (35%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CA68F 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 9CA68F by changing the saturation by 10% instead.



 9CA68F

FFFFFF

 D3DDC5

 EFFAE1

FFFFFFD


 9CA68F

 95A67E

 9CA68F

 828C75

 69725D

 515A45

 39422F

 242C1A

 101800

 000000

 9CA68F

 A3A6A0

 8EA66E

 AAA6B0

 86A65D

 B2A6C1

 7FA64D

 B9A6D1

 78A63C

 C0A6E2

 71A62B

 C7A6F3

 69A61B

 CFA6FF

 62A60A

 D6A6FF

 5EA600

 DDA6FF

# Harmonies

## Analogous

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



AAA28B



9CA68F



8FA998

# Triad

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



9CA68F



8BA6B8



BB9AA0

# Complementary

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



9CA68F



998FA6

# 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.



B49BAC



9CA68F



99A3BA

# Square

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



9CA68F



84A9B0



A89FB6



BB9B95

# Rectangle

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



9CA68F



88A9A0



A89FB6



BA9AA4



# Sweetspot

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



9CA68F



D5D9D0



A6998F



6B6E68



EDEDED



6E6E6E



# Same Dimension

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



9CA68F



C9D9B4



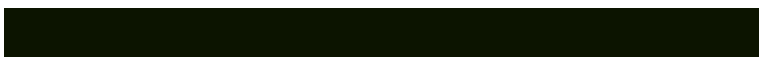
91A68F



50544C



549400



0C1400



# Inverse Universe

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



998FA6



C4B4D9



A48FA6



4F4C54



400094



090014



# Previews

## White Background



This preview shows how the Hex color 9CA68F looks on a white background.

## Color Contrast Check

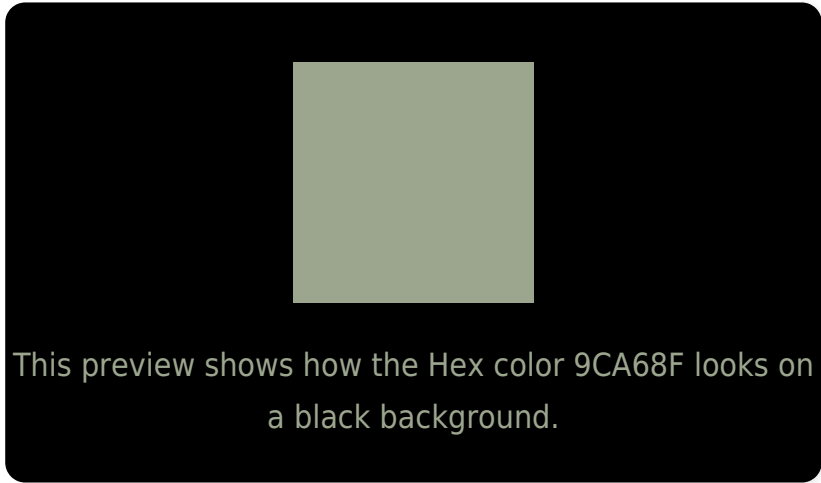
Large Text (above 18pt) WCAG AA × Fail

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

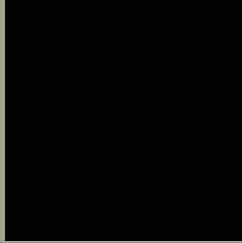
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

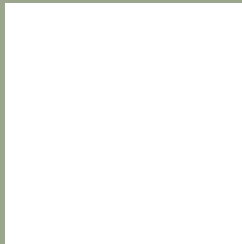
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9CA68F Background



This preview shows how black text looks on a background with the Hex color 9CA68F.



This preview shows how white text looks on a background with the Hex color 9CA68F.

# 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**  
9CA68F

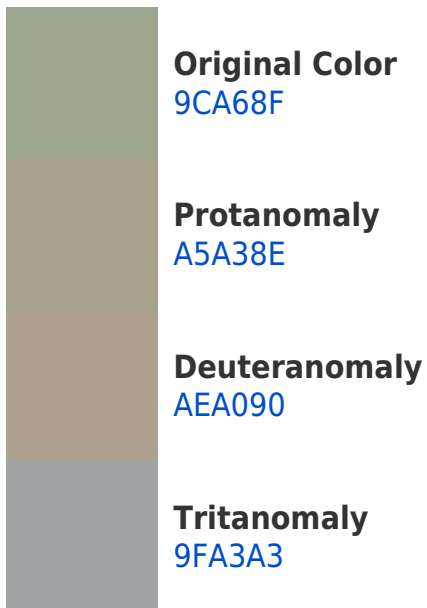
**Protanopia**  
AAA28D

**Deuteranopia**  
B89C91

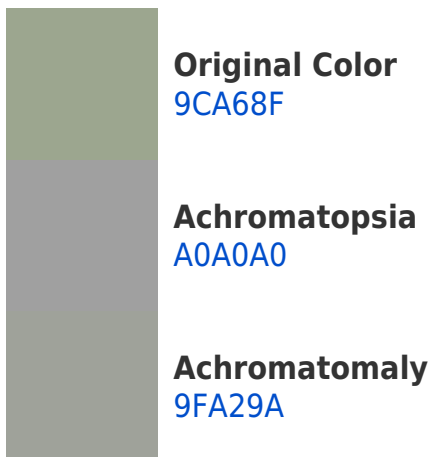


**Tritanopia**  
A1A2AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CA68F 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 #9CA68F looks like.

```
.text, #text, p{  
    color:#9CA68F  
}
```

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 #9CA68F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CA68F
}
```

## Border

The CSS property to change the border of an element to Hex 9CA68F 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
#9CA68F }
```

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

```
.border{ border-color:#9CA68F }
```

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

Here you see how a box with a 4 pixel #9CA68F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CA68F; -webkit-box-shadow:4px 4px  
4px 4px #9CA68F; box-shadow:4px 4px 4px  
4px #9CA68F }
```

# Background

The CSS property to change the background color of an element to Hex 9CA68F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CA68F }
```

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

```
.background{ background-color:#9CA68F }
```

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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