

# Converting Colors

Hex(9CA9A3)

Have a look what the booklet for  
Hex(9CA9A3) contains.

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# **Color**

**Hex(9CA9A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CA9A3
RGB	156, 169, 163
RGB Percent	61%, 66%, 64%
CMY	0.3882, 0.3373, 0.3608
CMYK	0.08, 0.00, 0.04, 0.34
HSL	152°, 7%, 64%
HSV	152°, 8%, 66%
XYZ	34.5091, 38.0882, 40.1833
YIQ	164.4290, -5.8220, -4.6220

# Conversions

## Conversions Part 2

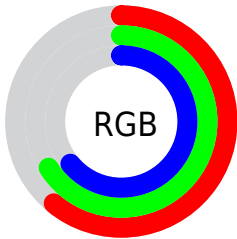
Format	Color
<a href="#">RYB</a>	<a href="#">156, 164, 169</a>
Decimal	<a href="#">10267043</a>
CIELab	<a href="#">68.09, -5.74, 1.52</a>
CIELCh	<a href="#">68, 5.936, 165.193</a>
Yxy	<a href="#">38.0882, 0.3060, 0.3377</a>
Android (android.graphics.Color)	<a href="#">4288457123 (0xFF9CA9A3)</a>
YUV	<a href="#">164.4290, -0.7045, -7.3922</a>
Hunter-Lab	<a href="#">61.7156, -8.1917, 4.5970</a>

# Details

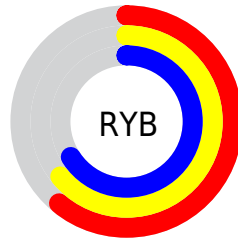
The Hex color **9CA9A3** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A99CA2**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **D3E0DA**, and **69756F** is the 20% darker color. If you saturate the color by 10%, you get **8BA99B**, and if you desaturate by 10%, it is **ADA9AB**.

# Distribution



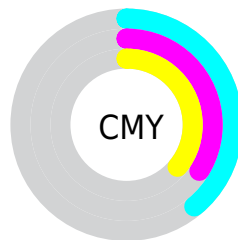
- Red (61%)
- Green (66%)
- Blue (64%)



- Red (61%)
- Yellow (64%)
- Blue (66%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (34%)



- Cyan (39%)
- Magenta (34%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CA9A3 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 9CA9A3 by changing the saturation by 10% instead.





9CA9A3



9CA9A3

FFFFFF



828F89



D3E0DA



69756F



EFFDF6



515C57



3A4540



242F2A



0F1A15



000000



9CA9A3



9CA9A3



8BA99B



ADA9AB

7AA993

BEA9B3

69A98C

CFA9BA

58A984

E0A9C2

48A97C

F0A9CA

37A974

FFA9D2

26A96C

FFA9DA

15A965

FFA9E1

04A95D

FFA9E9

# Harmonies

## Analogous

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



A1A89E



9CA9A3



99A9A8

# Triad

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



9CA9A3



A4A5B0



B1A39F

# Complementary

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



9CA9A3



A99CA2

# 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.



B2A2A3



9CA9A3



AAA4AE

# Square

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



9CA9A3



9EA7B0



AFA3A9



ADA59C

# Rectangle

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



9CA9A3



99A9AC



AFA3A9



B2A3A0



# Sweetspot

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



9CA9A3



D7DBD9



A2A99C



6B6E6D



EDEDED



6E6E6E



# Same Dimension

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



9CA9A3



C8DBD2



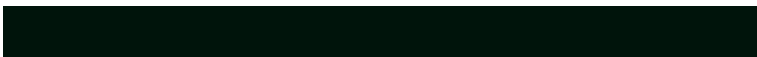
9CA9A9



4C5450



009450



00140B



# Inverse Universe

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



A99CA2



DBC8D1



A99C9C



544C50



940044

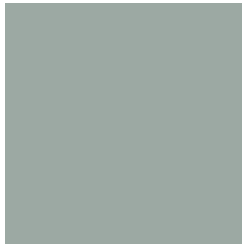


140009



# Previews

## White Background



This preview shows how the Hex color 9CA9A3 looks on a white background.

## Color Contrast Check

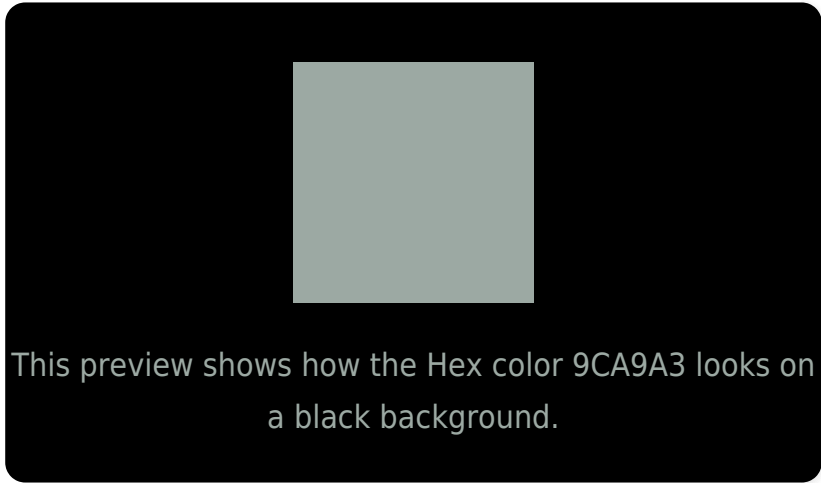
Large Text (above 18pt) WCAG AA × Fail

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

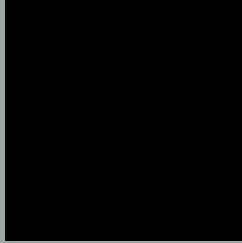
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

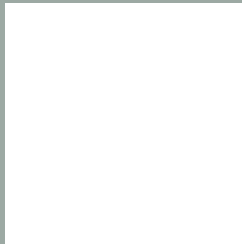
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9CA9A3 Background



This preview shows how black text looks on a background with the Hex color 9CA9A3.

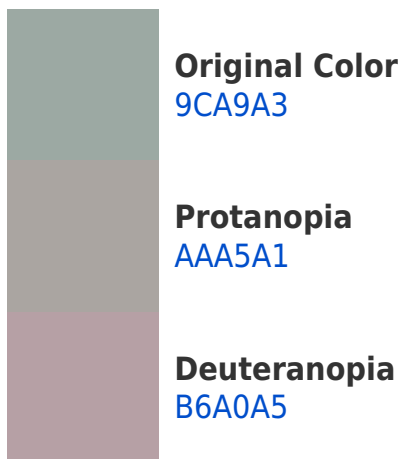


This preview shows how white text looks on a background with the Hex color 9CA9A3.

# 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](#).

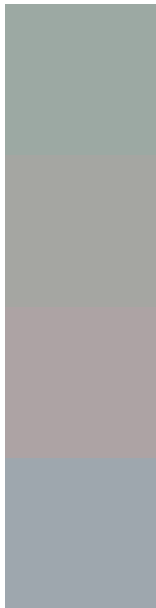
## Dichromacy





**Tritanopia**  
9FA6B4

# Trichromacy



**Original Color**  
9CA9A3

**Protanomaly**  
A5A6A2

**Deuteranomaly**  
ADA3A4

**Tritanomaly**  
9EA7AE

# Monochromacy



**Original Color**  
9CA9A3

**Achromatopsia**  
A4A4A4

**Achromatomaly**  
A1A6A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CA9A3 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 #9CA9A3 looks like.

```
.text, #text, p{  
    color:#9CA9A3  
}
```

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 #9CA9A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CA9A3
}
```

## Border

The CSS property to change the border of an element to Hex 9CA9A3 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
#9CA9A3 }
```

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

```
.border{ border-color:#9CA9A3 }
```

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

Here you see how a box with a 4 pixel #9CA9A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CA9A3; -webkit-box-shadow:4px 4px  
4px 4px #9CA9A3; box-shadow:4px 4px 4px  
4px #9CA9A3 }
```

# Background

The CSS property to change the background color of an element to Hex 9CA9A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CA9A3 }
```

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

```
.background{ background-color:#9CA9A3 }
```

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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