

# Converting Colors

Hex(9CA7A2)

Have a look what the booklet for  
Hex(9CA7A2) contains.

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# **Color**

**Hex(9CA7A2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CA7A2
RGB	156, 167, 162
RGB Percent	61%, 65%, 64%
CMY	0.3882, 0.3451, 0.3647
CMYK	0.07, 0.00, 0.03, 0.35
HSL	153°, 6%, 63%
HSV	153°, 7%, 65%
XYZ	34.0506, 37.3140, 39.5901
YIQ	163.1410, -4.9510, -3.8870

# Conversions

## Conversions Part 2

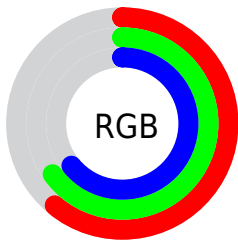
Format	Color
<a href="#">RYB</a>	<a href="#">156, 163, 167</a>
Decimal	<a href="#">10266530</a>
CIELab	<a href="#">67.51, -4.85, 1.24</a>
CIELCh	<a href="#">68, 5.008, 165.696</a>
Yxy	<a href="#">37.3140, 0.3069, 0.3363</a>
Android (android.graphics.Color)	<a href="#">4288456610 (0xFF9CA7A2)</a>
YUV	<a href="#">163.1410, -0.5625, -6.2627</a>
Hunter-Lab	<a href="#">61.0852, -7.3981, 4.3330</a>

# Details

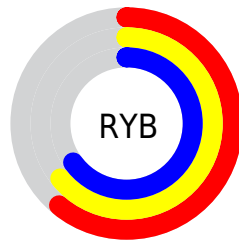
The Hex color **9CA7A2** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A79CA1**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **D2DED9**, and **69736E** is the 20% darker color. If you saturate the color by 10%, you get **8BA79A**, and if you desaturate by 10%, it is **ADA7AA**.

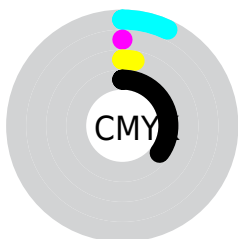
# Distribution



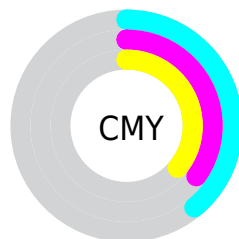
- Red (61%)
- Green (65%)
- Blue (64%)



- Red (61%)
- Yellow (64%)
- Blue (65%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (35%)



- Cyan (39%)
- Magenta (35%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CA7A2 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 9CA7A2 by changing the saturation by 10% instead.





9CA7A2



9CA7A2

FFFFFF



828D88



D2DED9



69736E



EFFBF5



515B56



3A433F



242D29



0F1915



000000



9CA7A2



9CA7A2



8BA79A



ADA7AA

 7BA793

 BDA7B1

 6AA78B

 CEA7B9

 59A784

 DFA7C0

 49A77C

 EFA7C8

 38A774

 FFA7D0

 27A76D

 FFA7D7

 16A765

 FFA7DF

 06A75E

 FFA7E6

# Harmonies

## Analogous

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



A0A69E



9CA7A2



9AA7A7

# Triad

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



9CA7A2



A3A4AD



AEA29E

# Complementary

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



9CA7A2



A79CA1

# 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.



AEA1A2



9CA7A2



A8A3AB

# Square

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



9CA7A2



9EA5AD



ACA2A7



ABA39C

# Rectangle

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



9CA7A2



9AA7A9



ACA2A7



AEA29F



# Sweetspot

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



9CA7A2



D4D9D7



A1A79C



6B6E6D



EDEDED



6E6E6E



# Same Dimension

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



9CA7A2



C7D9D1



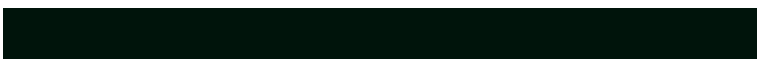
9CA7A7



4C5450



009451



00140B



# Inverse Universe

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



A79CA1



D9C7CF



A79C9C



544C50



940043

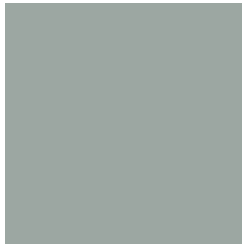


140009



# Previews

## White Background



This preview shows how the Hex color 9CA7A2 looks on a white background.

## Color Contrast Check

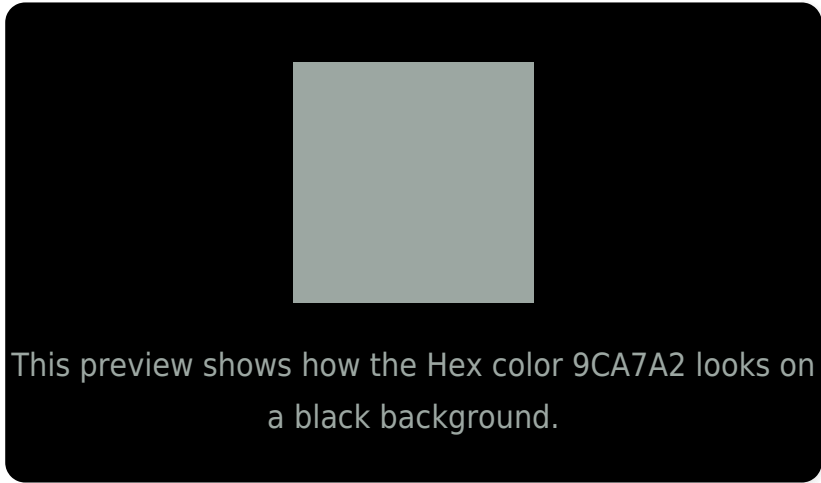
Large Text (above 18pt) WCAG AA × Fail

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

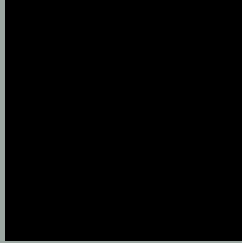
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

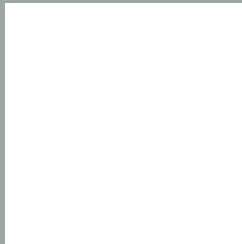
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9CA7A2 Background



This preview shows how black text looks on a background with the Hex color 9CA7A2.

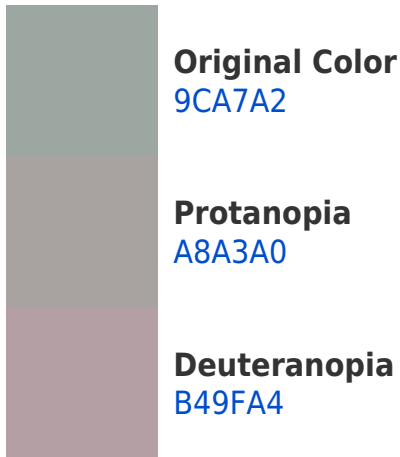


This preview shows how white text looks on a background with the Hex color 9CA7A2.

# 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](#).

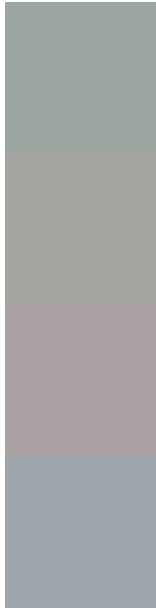
## Dichromacy





**Tritanopia**  
9FA5B2

# Trichromacy



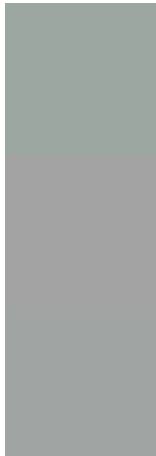
**Original Color**  
9CA7A2

**Protanomaly**  
A4A4A1

**Deuteranomaly**  
ABA2A3

**Tritanomaly**  
9EA6AC

# Monochromacy



**Original Color**  
9CA7A2

**Achromatopsia**  
A3A3A3

**Achromatomaly**  
A0A4A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CA7A2 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 #9CA7A2 looks like.

```
.text, #text, p{  
    color:#9CA7A2  
}
```

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 #9CA7A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CA7A2
}
```

## Border

The CSS property to change the border of an element to Hex 9CA7A2 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
#9CA7A2 }
```

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

```
.border{ border-color:#9CA7A2 }
```

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

Here you see how a box with a 4 pixel #9CA7A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CA7A2; -webkit-box-shadow:4px 4px  
4px 4px #9CA7A2; box-shadow:4px 4px 4px  
4px #9CA7A2 }
```

# Background

The CSS property to change the background color of an element to Hex 9CA7A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CA7A2 }
```

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

```
.background{ background-color:#9CA7A2 }
```

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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