

# Converting Colors

Hex(9A8DA3)

Have a look what the booklet for  
Hex(9A8DA3) contains.

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# **Color**

**Hex(9A8DA3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A8DA3
RGB	154, 141, 163
RGB Percent	60%, 55%, 64%
CMY	0.3961, 0.4471, 0.3608
CMYK	0.06, 0.13, 0.00, 0.36
HSL	275°, 11%, 60%
HSV	275°, 13%, 64%
XYZ	29.4622, 28.5641, 38.6109
YIQ	147.3950, 0.6860, 9.5980

# Conversions

## Conversions Part 2

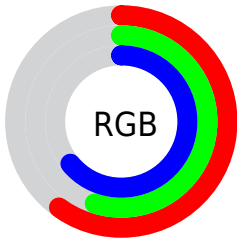
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 141, 163
Decimal	10128803
CIELab	60.40, 9.10, -9.85
CIELCh	60, 13.406, 312.734
Yxy	28.5641, 0.3049, 0.2956
Android (android.graphics.Color)	4288318883 (0xFF9A8DA3)
YUV	147.3950, 7.6933, 5.7926
Hunter-Lab	53.4454, 4.8699, -5.4215

# Details

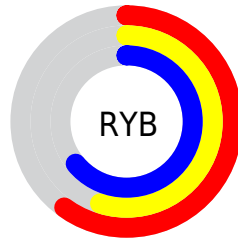
The Hex color **9A8DA3** is a light color, and the websafe version is hex **999999**. A complement of this color would be **96A38D**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **D0C3DA**, and **675B6F** is the 20% darker color. If you saturate the color by 10%, you get **937DA3**, and if you desaturate by 10%, it is **A19DA3**.

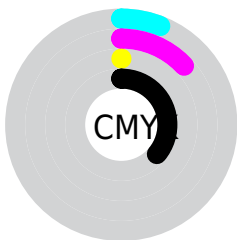
# Distribution



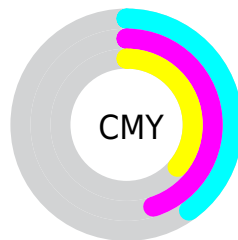
- Red (60%)
- Green (55%)
- Blue (64%)



- Red (60%)
- Yellow (55%)
- Blue (64%)



- Cyan (6%)
- Magenta (13%)
- Yellow (0%)
- Black (36%)



- Cyan (40%)
- Magenta (45%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A8DA3 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 9A8DA3 by changing the saturation by 10% instead.





9A8DA3



9A8DA3

FFFFFF



807389



D0C3DA



675B6F



EDDFF6



4F4357



FFFBFF



382D40



22182A



0D0016



000000



9A8DA3



9A8DA3



937DA3



A19DA3

8D6CA3

A7AEA3

865CA3

AEBEA3

7F4CA3

B5CEA3

793CA3

BBDF A3

722BA3

C2EFA3

6B1BA3

C9FFA3

650BA3

CFFFA3

6000A3

D6FFA3

# Harmonies

## Analogous

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



8B91A8



9A8DA3



A58A99

# Triad

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



9A8DA3



A28F7B



749996

# Complementary

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



9A8DA3



96A38D

# 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.



7C988A



9A8DA3



96927B

# Square

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



9A8DA3



A98B82



889680



7497A1

# Rectangle

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



9A8DA3



AA8991



889680



769992



# Sweetspot

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



9A8DA3



D0CBD4



8D96A3



69666B



EBEBEB



6B6B6B



# Same Dimension

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



9A8DA3



C6B2D4



A38DA1



4E4952



560091



0B0012



# Inverse Universe

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



A38D96



D4B2C0



8DA38F



52494D



91003B

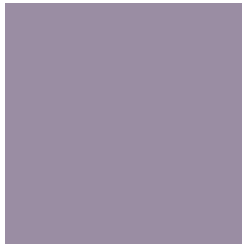


120007



# Previews

## White Background



This preview shows how the Hex color 9A8DA3 looks on a white background.

## Color Contrast Check

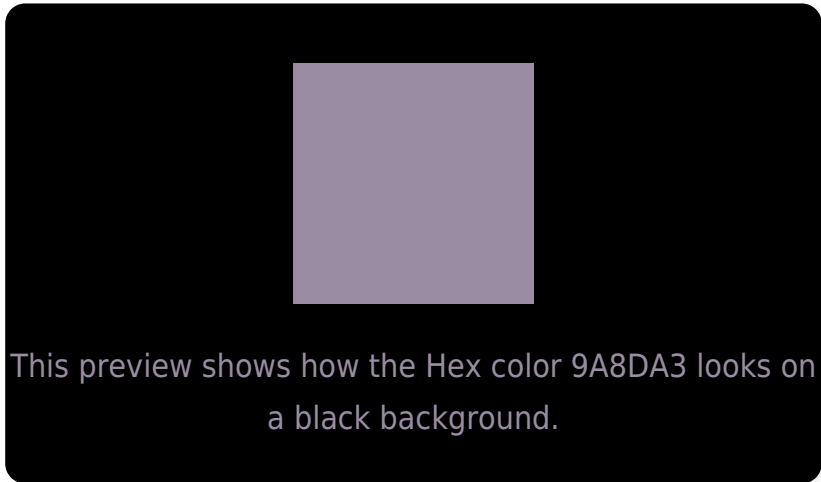
Large Text (above 18pt) WCAG AA ✓ Pass

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

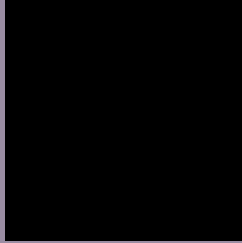
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9A8DA3 Background



This preview shows how black text looks on a background with the Hex color 9A8DA3.



This preview shows how white text looks on a background with the Hex color 9A8DA3.

# 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**  
9A8DA3

**Protanopia**  
8E91A5

**Deuteranopia**  
988EA3



**Tritanopia**  
998F9A

# Trichromacy



**Original Color**  
9A8DA3

**Protanomaly**  
9290A4

**Deuteranomaly**  
998EA3

**Tritanomaly**  
998E9D

# Monochromacy



**Original Color**  
9A8DA3

**Achromatopsia**  
939393

**Achromatomaly**  
969199

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A8DA3 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 #9A8DA3 looks like.

```
.text, #text, p{  
    color:#9A8DA3  
}
```

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 #9A8DA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A8DA3  
}
```

## Border

The CSS property to change the border of an element to Hex 9A8DA3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

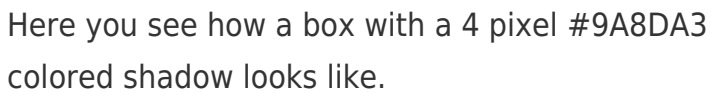
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9A8DA3 }
```

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

```
.border{ border-color:#9A8DA3 }
```

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

A rectangular box with a purple shadow. The box is white with a thin purple border. The shadow is a darker purple, offset to the right and bottom of the box.

Here you see how a box with a 4 pixel #9A8DA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A8DA3; -webkit-box-shadow:4px 4px  
4px 4px #9A8DA3; box-shadow:4px 4px 4px  
4px #9A8DA3 }
```

# Background

The CSS property to change the background color of an element to Hex 9A8DA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A8DA3 }
```

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

```
.background{ background-color:#9A8DA3 }
```

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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