

# Converting Colors

Hex(9AA8B3)

Have a look what the booklet for  
Hex(9AA8B3) contains.

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# **Color**

**Hex(9AA8B3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9AA8B3
RGB	154, 168, 179
RGB Percent	60%, 66%, 70%
CMY	0.3961, 0.3412, 0.2980
CMYK	0.14, 0.06, 0.00, 0.30
HSL	206°, 14%, 65%
HSV	206°, 14%, 70%
XYZ	35.4657, 38.1300, 48.1384
YIQ	165.0680, -11.8750, 0.4530

# Conversions

## Conversions Part 2

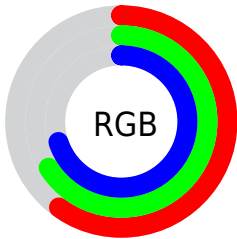
Format	Color
<a href="#">RYB</a>	<a href="#">154, 163, 179</a>
Decimal	<a href="#">10135731</a>
CIELab	<a href="#">68.12, -2.61, -7.33</a>
CIElCh	<a href="#">68, 7.782, 250.441</a>
Yxy	<a href="#">38.1300, 0.2913, 0.3132</a>
Android (android.graphics.Color)	<a href="#">4288325811 (0xFF9AA8B3)</a>
YUV	<a href="#">165.0680, 6.8685, -9.7066</a>
Hunter-Lab	<a href="#">61.7495, -5.5403, -2.9964</a>

# Details

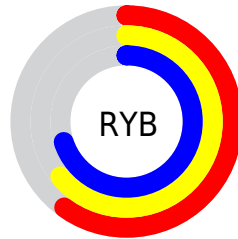
The Hex color **9AA8B3** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B3A59A**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **D1DFEB**, and **67747E** is the 20% darker color. If you saturate the color by 10%, you get **88A0B3**, and if you desaturate by 10%, it is **ACB0B3**.

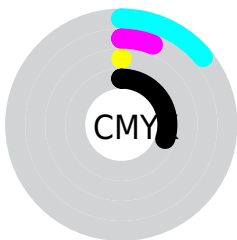
# Distribution



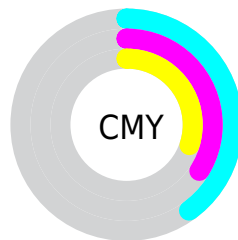
- Red (60%)
- Green (66%)
- Blue (70%)



- Red (60%)
- Yellow (64%)
- Blue (70%)



- Cyan (14%)
- Magenta (6%)
- Yellow (0%)
- Black (30%)



- Cyan (40%)
- Magenta (34%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AA8B3 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 9AA8B3 by changing the saturation by 10% instead.





9AA8B3



9AA8B3

FFFFFF



808E98



D1DFEB



67747E



EDFCFF



4E5B65



37444D



212E37



0D1921



00000A



000000



9AA8B3



9AA8B3

88A0B3

ACB0B3

7698B3

BEB8B3

6490B3

D0C0B3

5288B3

E2C8B3

4181B3

F4CFB3

2F79B3

FFD7B3

1D71B3

FFDFB3

0B69B3

FFE7B3

0064B3

FFEFB3

# Harmonies

## Analogous

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



95AAAF



9AA8B3



A2A6B4

# Triad

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



9AA8B3



B5A1A4



A1A89B

# Complementary

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



9AA8B3



B3A59A

# 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.



A9A698



9AA8B3



B5A29D

# Square

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



9AA8B3



B2A2AB



B0A499



9AAAA1

# Rectangle

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



9AA8B3



A8A4B2



B0A499



A4A89A



# Sweetspot

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



9AA8B3



DFE4E8



9AB3A5



6F7375



F5F5F5



757575



# Same Dimension

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



9AA8B3



C1D7E8



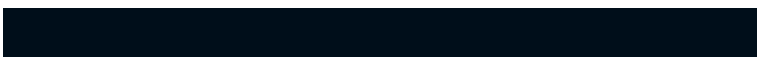
9A9CB3



505559



005699



000E1A



# Inverse Universe

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



B39AA8



E8C1D7



B3B19A



595055



990056

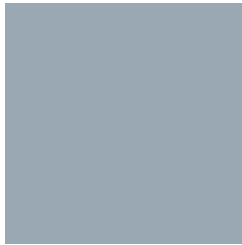


1A000E



# Previews

## White Background



This preview shows how the Hex color 9AA8B3 looks on a white background.

## Color Contrast Check

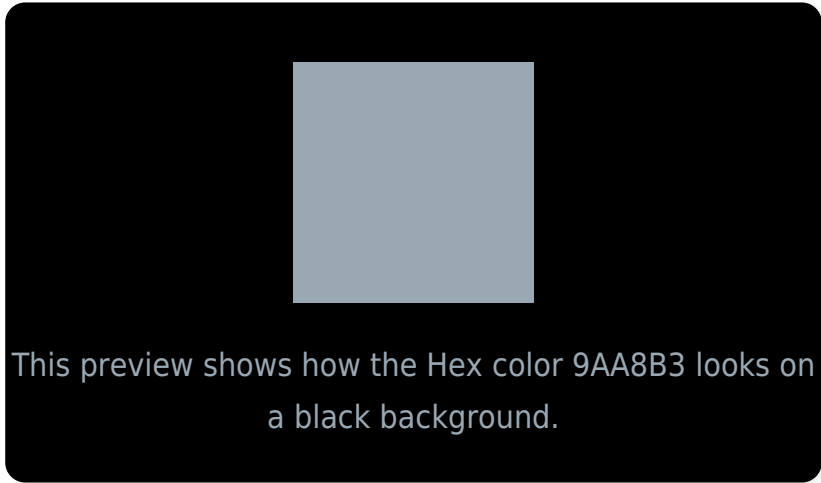
Large Text (above 18pt) WCAG AA × Fail

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

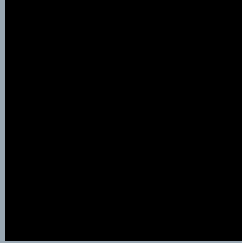
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

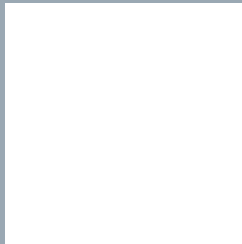
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9AA8B3 Background



This preview shows how black text looks on a background with the Hex color 9AA8B3.

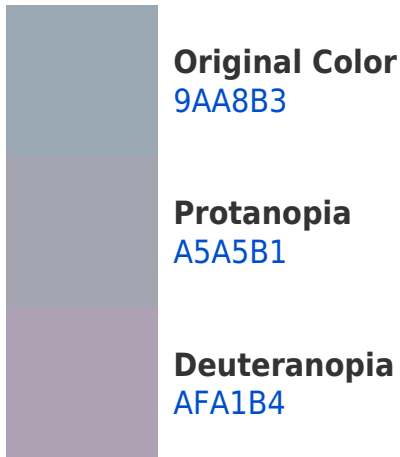


This preview shows how white text looks on a background with the Hex color 9AA8B3.

# 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**  
9AA8B5

# Trichromacy



**Original Color**  
9AA8B3

**Protanomaly**  
A1A6B2

**Deuteranomaly**  
A7A4B4

**Tritanomaly**  
9AA8B4

# Monochromacy



**Original Color**  
9AA8B3

**Achromatopsia**  
A5A5A5

**Achromatomaly**  
A1A6AA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AA8B3 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 #9AA8B3 looks like.

```
.text, #text, p{  
    color:#9AA8B3  
}
```

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 #9AA8B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AA8B3  
}
```

## Border

The CSS property to change the border of an element to Hex 9AA8B3 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  
#9AA8B3 }
```

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

```
.border{ border-color:#9AA8B3 }
```

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

Here you see how a box with a 4 pixel #9AA8B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AA8B3; -webkit-box-shadow:4px 4px  
4px 4px #9AA8B3; box-shadow:4px 4px 4px  
4px #9AA8B3 }
```

# Background

The CSS property to change the background color of an element to Hex 9AA8B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AA8B3 }
```

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

```
.background{ background-color:#9AA8B3 }
```

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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