

# Converting Colors

Hex(9AA3B1)

Have a look what the booklet for  
Hex(9AA3B1) contains.

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# **Color**

**Hex(9AA3B1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AA3B1
RGB	154, 163, 177
RGB Percent	60%, 64%, 69%
CMY	0.3961, 0.3608, 0.3059
CMYK	0.13, 0.08, 0.00, 0.31
HSL	217°, 13%, 65%
HSV	217°, 13%, 69%
XYZ	34.3594, 36.2387, 46.7788
YIQ	161.9050, -9.8580, 2.4460

# Conversions

## Conversions Part 2

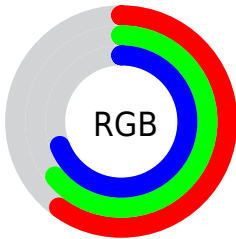
Format	Color
<a href="#">RYB</a>	<a href="#">154, 160, 177</a>
Decimal	<a href="#">10134449</a>
CIELab	<a href="#">66.70, -0.29, -8.32</a>
CIELCh	<a href="#">67, 8.328, 267.995</a>
Yxy	<a href="#">36.2387, 0.2927, 0.3087</a>
Android (android.graphics.Color)	<a href="#">4288324529</a> ( <a href="#">0xFF9AA3B1</a> )
YUV	<a href="#">161.9050, 7.4418, -6.9327</a>
Hunter-Lab	<a href="#">60.1986, -3.4655, -3.9337</a>

# Details

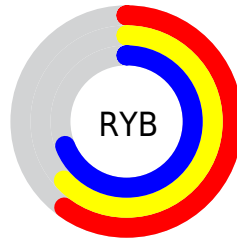
The Hex color **9AA3B1** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B1A89A**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **D0DAE9**, and **676F7C** is the 20% darker color. If you saturate the color by 10%, you get **8898B1**, and if you desaturate by 10%, it is **ACAEB1**.

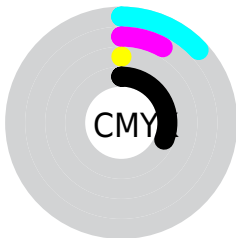
# Distribution



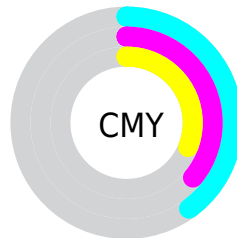
- Red (60%)
- Green (64%)
- Blue (69%)



- Red (60%)
- Yellow (63%)
- Blue (69%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (31%)



- Cyan (40%)
- Magenta (36%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AA3B1 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 9AA3B1 by changing the saturation by 10% instead.





9AA3B1



9AA3B1

FFFFFF



808996



D0DAE9



676F7C



EDF6FF



4F5764



38404C



222A35



0D1520



000006



000000



9AA3B1



9AA3B1

8898B1

ACAEB1

778DB1

BDB9B1

6583B1

CFC3B1

5378B1

E1CEB1

426DB1

F3D9B1

3062B1

FFE4B1

1E58B1

FFEEB1

0C4DB1

FFF9B1

0045B1

FFFFB1

# Harmonies

## Analogous

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



93A5AF



9AA3B1



A3A1AF

# Triad

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



9AA3B1



B39E9C



98A69A

# Complementary

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



9AA3B1



B1A89A

# 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.



A1A495



9AA3B1



B09F96

# Square

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



9AA3B1



B19DA3



A9A293



92A7A1

# Rectangle

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



9AA3B1



A99FAC



A9A293



9BA598

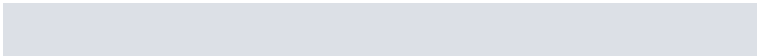


# Sweetspot

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



9AA3B1



DCE0E6



9AB1A8



6D6F73



F2F2F2



737373



# Same Dimension

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



9AA3B1



C1CFE6



9C9AB1



505459



003C99



000A1A



# Inverse Universe

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



B19AA3



E6C1CF



AFB19A



595054



99003C

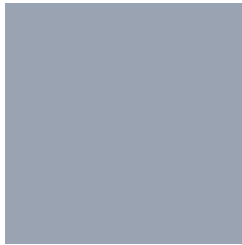


1A000A



# Previews

## White Background



This preview shows how the Hex color 9AA3B1 looks on a white background.

## Color Contrast Check

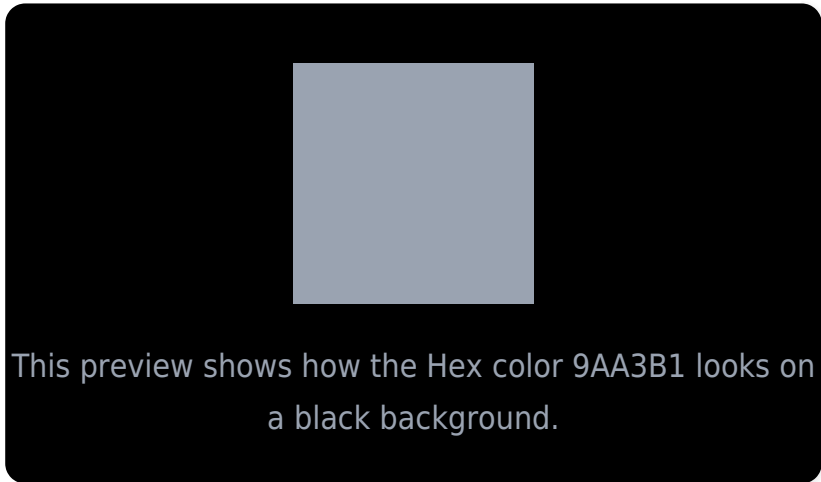
Large Text (above 18pt) WCAG AA × Fail

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

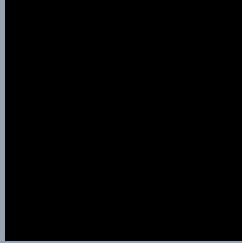
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

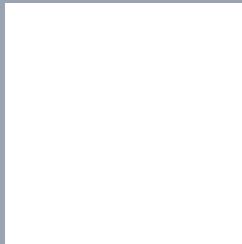
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9AA3B1 Background



This preview shows how black text looks on a background with the Hex color 9AA3B1.

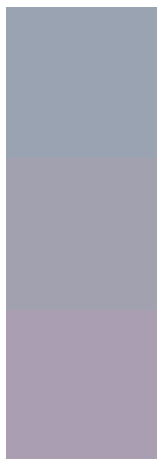


This preview shows how white text looks on a background with the Hex color 9AA3B1.

# 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**  
9AA3B1

**Protanopia**  
A1A1B0

**Deuteranopia**  
AA9EB2



**Tritanopia**  
9AA3B0

# Trichromacy



**Original Color**  
9AA3B1

**Protanomaly**  
9EA2B0

**Deuteranomaly**  
A4A0B2

**Tritanomaly**  
9AA3B0

# Monochromacy



**Original Color**  
9AA3B1

**Achromatopsia**  
A2A2A2

**Achromatomaly**  
9FA2A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AA3B1 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 #9AA3B1 looks like.

```
.text, #text, p{  
    color:#9AA3B1  
}
```

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 #9AA3B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AA3B1
}
```

## Border

The CSS property to change the border of an element to Hex 9AA3B1 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
#9AA3B1 }
```

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

```
.border{ border-color:#9AA3B1 }
```

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

Here you see how a box with a 4 pixel #9AA3B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AA3B1; -webkit-box-shadow:4px 4px  
4px 4px #9AA3B1; box-shadow:4px 4px 4px  
4px #9AA3B1 }
```

# Background

The CSS property to change the background color of an element to Hex 9AA3B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AA3B1 }
```

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

```
.background{ background-color:#9AA3B1 }
```

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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