

# Converting Colors

Hex(9AA2AB)

Have a look what the booklet for  
Hex(9AA2AB) contains.

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# **Color**

**Hex(9AA2AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AA2AB
RGB	154, 162, 171
RGB Percent	60%, 64%, 67%
CMY	0.3961, 0.3647, 0.3294
CMYK	0.10, 0.05, 0.00, 0.33
HSL	212°, 9%, 64%
HSV	212°, 10%, 67%
XYZ	33.5974, 35.6510, 43.6386
YIQ	160.6340, -7.6570, 1.1030

# Conversions

## Conversions Part 2

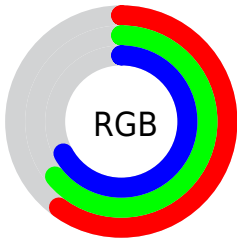
Format	Color
<a href="#">RYB</a>	<a href="#">154, 159, 171</a>
Decimal	<a href="#">10134187</a>
CIELab	<a href="#">66.25, -1.01, -5.64</a>
CIElCh	<a href="#">66, 5.732, 259.889</a>
Yxy	<a href="#">35.6510, 0.2976, 0.3158</a>
Android (android.graphics.Color)	<a href="#">4288324267 (0xFF9AA2AB)</a>
YUV	<a href="#">160.6340, 5.1104, -5.8180</a>
Hunter-Lab	<a href="#">59.7084, -4.0493, -1.5369</a>

# Details

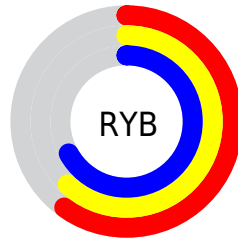
The Hex color **9AA2AB** is a light color, and the websafe version is hex **999999**. A complement of this color would be **ABA39A**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **D0D9E2**, and **676E77** is the 20% darker color. If you saturate the color by 10%, you get **8999AB**, and if you desaturate by 10%, it is **ABABAB**.

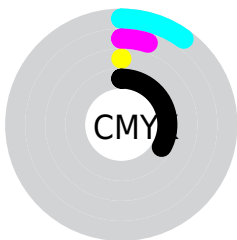
# Distribution



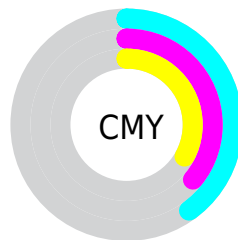
- Red (60%)
- Green (64%)
- Blue (67%)



- Red (60%)
- Yellow (62%)
- Blue (67%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (36%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AA2AB 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 9AA2AB by changing the saturation by 10% instead.





9AA2AB



9AA2AB

FFFFFF



808890



D0D9E2



676E77



EDF5FF



4F565E



383F47



222930



0D151B



000000



9AA2AB



9AA2AB



8999AB



ABABAB

7890AB

BCB4AB

6787AB

CDBDAB

567EAB

DEC6AB

4575AB

EFCFAB

336CAB

FFD8AB

2263AB

FFE1AB

115AAB

FFEAAB

0051AB

FFF3AB

# Harmonies

## Analogous

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



96A3A9



9AA2AB



A0A0AB

# Triad

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



9AA2AB



AD9E9E



9CA39A

# Complementary

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



9AA2AB



ABA39A

# 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.



A2A297



9AA2AB



AB9F99

# Square

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



9AA2AB



AB9EA3



A7A097



97A49F

# Rectangle

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



9AA2AB



A49FA9



A7A097



9EA399

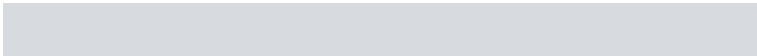


# Sweetspot

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



9AA2AB



D7DADE



9AABA3



6C6E70



F0F0F0



707070



# Same Dimension

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



9AA2AB



C3D0DE



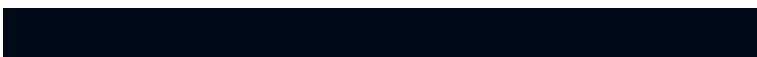
9A9AAB



4E5257



004796



000B17



# Inverse Universe

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



AB9AA2



DEC3D0



ABAB9A



574E52



960047

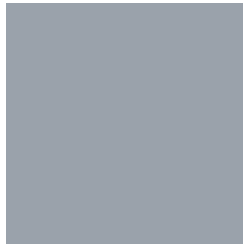


17000B



# Previews

## White Background



This preview shows how the Hex color 9AA2AB looks on a white background.

## Color Contrast Check

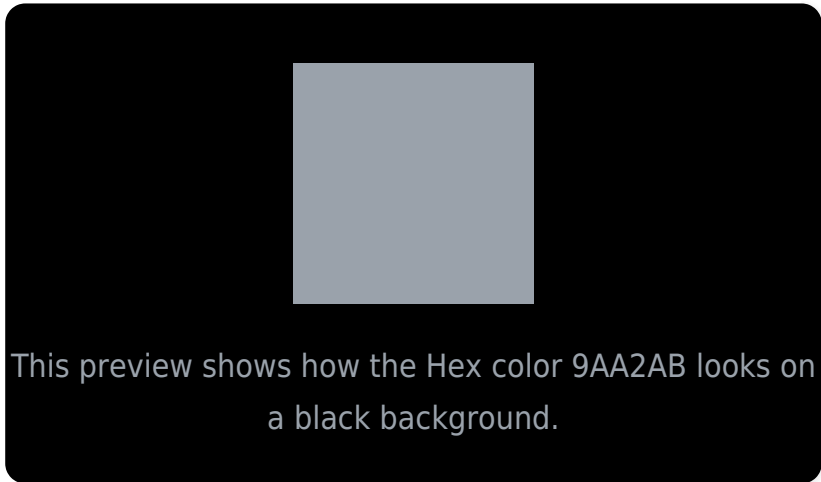
Large Text (above 18pt) WCAG AA × Fail

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

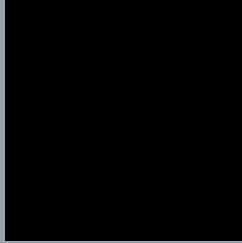
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

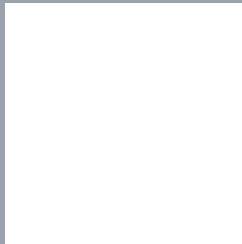
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9AA2AB Background



This preview shows how black text looks on a background with the Hex color 9AA2AB.



This preview shows how white text looks on a background with the Hex color 9AA2AB.

# 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**  
9AA2AB

**Protanopia**  
A1A0AA

**Deuteranopia**  
AB9CAC



**Tritanopia**  
9BA1AE

# Trichromacy



**Original Color**  
9AA2AB

**Protanomaly**  
9EA1AA

**Deuteranomaly**  
A59EAC

**Tritanomaly**  
9BA1AD

# Monochromacy



**Original Color**  
9AA2AB

**Achromatopsia**  
A1A1A1

**Achromatomaly**  
9EA1A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AA2AB 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 #9AA2AB looks like.

```
.text, #text, p{  
    color:#9AA2AB  
}
```

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 #9AA2AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AA2AB
}
```

## Border

The CSS property to change the border of an element to Hex 9AA2AB 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
#9AA2AB }
```

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

```
.border{ border-color:#9AA2AB }
```

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

Here you see how a box with a 4 pixel #9AA2AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AA2AB; -webkit-box-shadow:4px 4px  
4px 4px #9AA2AB; box-shadow:4px 4px 4px  
4px #9AA2AB }
```

# Background

The CSS property to change the background color of an element to Hex 9AA2AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AA2AB }
```

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

```
.background{ background-color:#9AA2AB }
```

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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