

# Converting Colors

Hex(9AAB9E)

Have a look what the booklet for  
Hex(9AAB9E) contains.

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# **Color**

**Hex(9AAB9E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AAB9E
RGB	154, 171, 158
RGB Percent	60%, 67%, 62%
CMY	0.3961, 0.3294, 0.3804
CMYK	0.10, 0.00, 0.08, 0.33
HSL	134°, 9%, 64%
HSV	134°, 10%, 67%
XYZ	34.0609, 38.4645, 37.9769
YIQ	164.4350, -5.9590, -7.6470

# Conversions

## Conversions Part 2

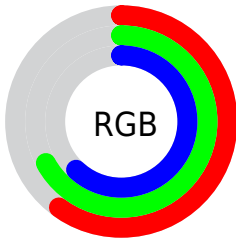
Format	Color
<a href="#">RYB</a>	<a href="#">154, 168, 171</a>
Decimal	<a href="#">10136478</a>
CIELab	<a href="#">68.36, -8.48, 4.67</a>
CIELCh	<a href="#">68, 9.680, 151.167</a>
Yxy	<a href="#">38.4645, 0.3082, 0.3481</a>
Android (android.graphics.Color)	<a href="#">4288326558</a> ( <a href="#">0xFF9AAB9E</a> )
YUV	<a href="#">164.4350, -3.1725, -9.1515</a>
Hunter-Lab	<a href="#">62.0197, -10.5033, 7.1084</a>

# Details

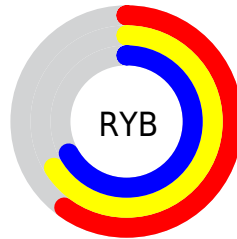
The Hex color **9AAB9E** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AB9AA7**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **D0E2D5**, and **67776B** is the 20% darker color. If you saturate the color by 10%, you get **89AB91**, and if you desaturate by 10%, it is **ABABAB**.

# Distribution



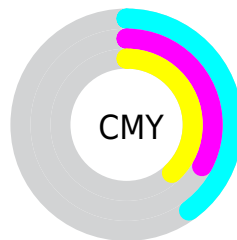
- Red (60%)
- Green (67%)
- Blue (62%)



- Red (60%)
- Yellow (66%)
- Blue (67%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (33%)



- Cyan (40%)
- Magenta (33%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AAB9E 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 9AAB9E by changing the saturation by 10% instead.



 9AAB9E

 9AAB9E

FFFFFF

 809084

 D0E2D5

 67776B

 EDFFF1

 4F5E53

 38463C

 223026

 0D1B11

 000000

 9AAB9E

 9AAB9E

 89AB91

 ABABAB

 78AB84

 BCABB8

 67AB77

 CDABC5

 56AB6A

 DEABD2

 45AB5D

 EFABDF

 33AB50

 FFABEC

 22AB42

 FFABFA

 11AB35

 FFABFF

 00AB28

# Harmonies

## Analogous

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



A4A998



9AAB9E



93ACA7

# Triad

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



9AAB9E



9EA7B8



BAA19E

# Complementary

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



9AAB9E



AB9AA7

# 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.



B9A1A7



9AAB9E



A9A4B6

# Square

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



9AAB9E



95AAB6



B3A2AF



B6A398

# Rectangle

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



9AAB9E



91ACAD



B3A2AF



BAA1A1



# Sweetspot

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



9AAB9E



D7DED9



A7AB9A



6C706D



F0F0F0



707070



# Same Dimension

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



9AAB9E



C3DEC9



9AABA6



4E5750



009623



001705



# Inverse Universe

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



AB9AA7



DEC3D8



AB9A9F



574E55



960073



170012



# Previews

## White Background



This preview shows how the Hex color 9AAB9E looks on a white background.

## Color Contrast Check

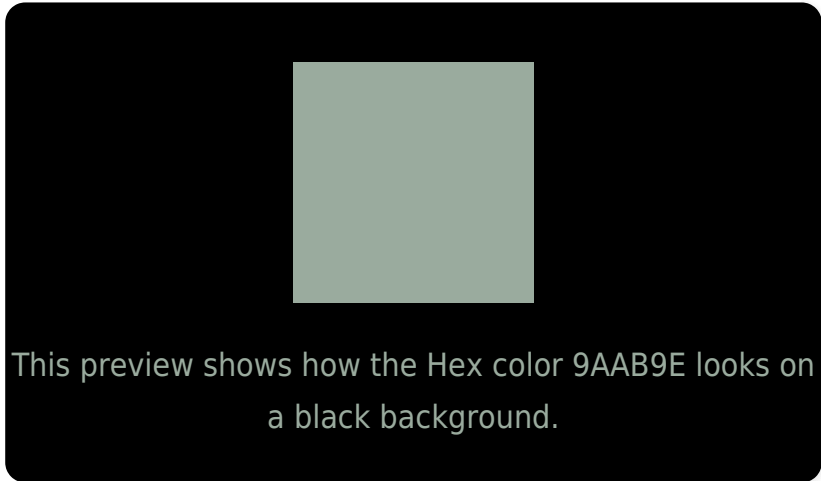
Large Text (above 18pt) WCAG AA × Fail

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

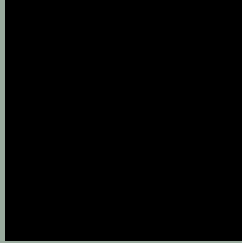
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

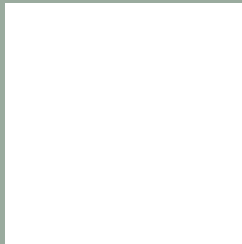
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9AAB9E Background



This preview shows how black text looks on a background with the Hex color 9AAB9E.

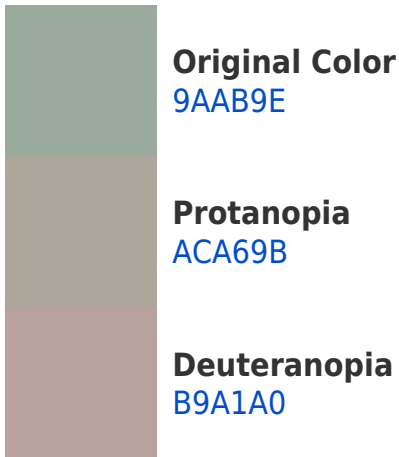


This preview shows how white text looks on a background with the Hex color 9AAB9E.

# 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](#).

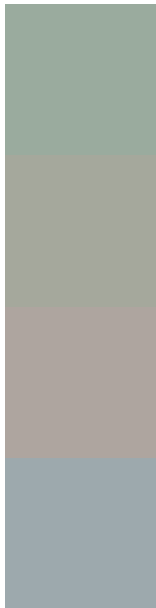
## Dichromacy





**Tritanopia**  
9EA8B5

# Trichromacy



**Original Color**  
9AAB9E

**Protanomaly**  
A5A89C

**Deuteranomaly**  
AEA59F

**Tritanomaly**  
9DA9AD

# Monochromacy



**Original Color**  
9AAB9E

**Achromatopsia**  
A4A4A4

**Achromatomaly**  
A0A7A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AAB9E 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 #9AAB9E looks like.

```
.text, #text, p{  
    color:#9AAB9E  
}
```

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 #9AAB9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AAB9E
}
```

## Border

The CSS property to change the border of an element to Hex 9AAB9E 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
#9AAB9E }
```

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

```
.border{ border-color:#9AAB9E }
```

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

Here you see how a box with a 4 pixel #9AAB9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AAB9E; -webkit-box-shadow:4px 4px  
4px 4px #9AAB9E; box-shadow:4px 4px 4px  
4px #9AAB9E }
```

# Background

The CSS property to change the background color of an element to Hex 9AAB9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AAB9E }
```

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

```
.background{ background-color:#9AAB9E }
```

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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