

# Converting Colors

Hex(9DABAF)

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

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# **Color**

**Hex(9DABAF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DABAF
RGB	157, 171, 175
RGB Percent	62%, 67%, 69%
CMY	0.3843, 0.3294, 0.3137
CMYK	0.10, 0.02, 0.00, 0.31
HSL	193°, 10%, 65%
HSV	193°, 10%, 69%
XYZ	36.2054, 39.3891, 46.2521
YIQ	167.2700, -9.6280, -1.7240

# Conversions

## Conversions Part 2

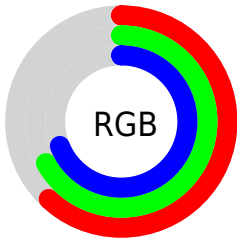
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	157, 165, 175
Decimal	10333103
CIE Lab	69.03, -4.07, -3.74
CIE LCh	69, 5.524, 222.574
Yxy	39.3891, 0.2971, 0.3233
Android (android.graphics.Color)	4288523183 (0xFF9DABAF)
YUV	167.2700, 3.8109, -9.0068
Hunter-Lab	62.7607, -6.8581, 0.2382

# Details

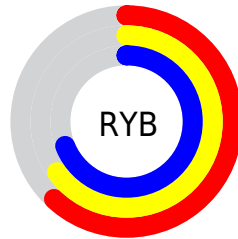
The Hex color **9DABAF** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AFA19D**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **D4E2E6**, and **6A777B** is the 20% darker color. If you saturate the color by 10%, you get **8CA7AF**, and if you desaturate by 10%, it is **AFAFAF**.

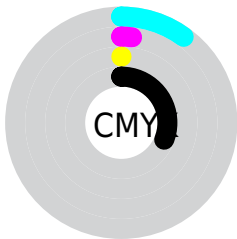
# Distribution



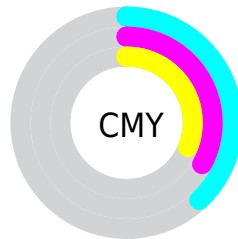
- Red (62%)
- Green (67%)
- Blue (69%)



- Red (62%)
- Yellow (65%)
- Blue (69%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (31%)



- Cyan (38%)
- Magenta (33%)
- Yellow (31%)

# Brightness & Saturation Gradients

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



■ 9DABAF

■ 9DABAF

FFFFFF

■ 839194

■ D4E2E6

■ 6A777B

■ F0FFFF

■ 515E62

■ 3A474A

■ 243033

■ 101B1E

■ 000005

■ 000000

■ 9DABAF

■ 9DABAF

8CA7AF

AFAFAF

7AA3AF

C0B3AF

699FAF

D2B7AF

579BAF

E3BBAF

4698AF

F5BEAF

3494AF

FFC2AF

2390AF

FFC6AF

118CAF

FFCAAF

0088AF

FFCEAF

# Harmonies

## Analogous

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



9DACAA



9DABAF



A0AAB2

# Triad

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



9DABAF



B1A5AC



ABA99F

# Complementary

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



9DABAF



AFA19D

# 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.



B0A79F



9DABAF



B3A5A6

# Square

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



9DABAF



ACA7B0



B3A6A2



A5AAA1

# Rectangle

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



9DABAF



A4A9B2



B3A6A2



ACA89F



# Sweetspot

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



9DABAF



DCE1E3



9DAFA1



6E7273



F2F2F2



737373



# Same Dimension

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



9DABAF



C8DDE3



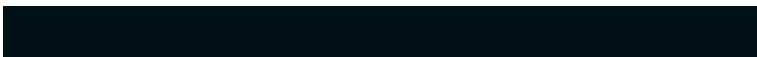
9DA2AF



4E5557



007596



001217



# Inverse Universe

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



AF9DAB



E3C8DD



AFAA9D



574E55



960075

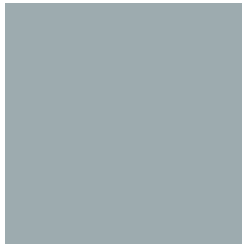


170012



# Previews

## White Background



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

## Color Contrast Check

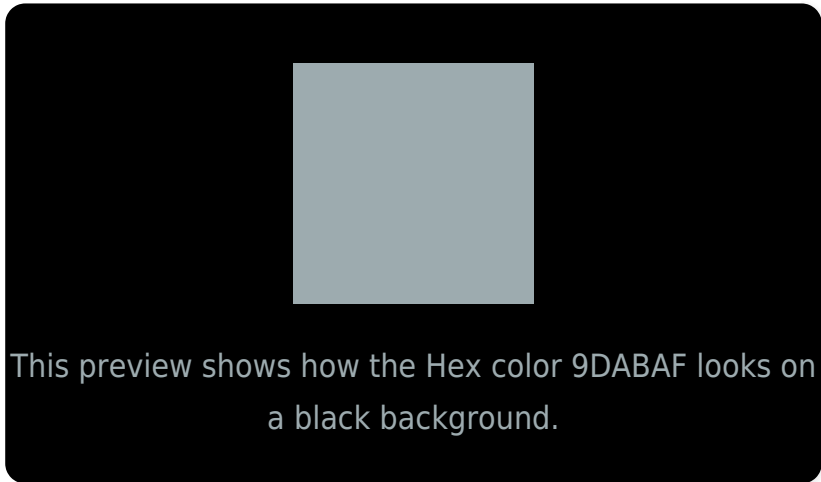
Large Text (above 18pt) WCAG AA × Fail

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

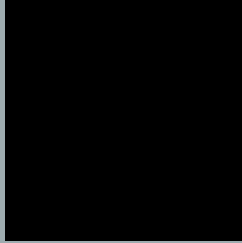
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

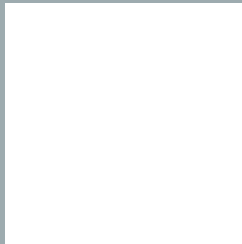
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9DABAF Background



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

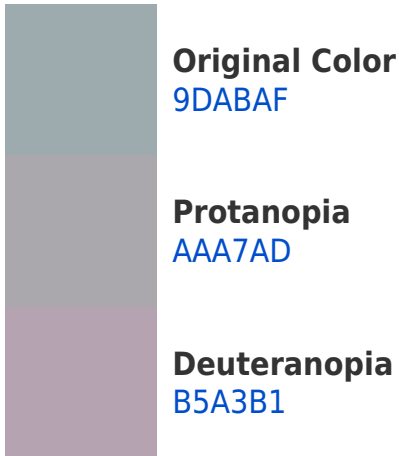


This preview shows how white text looks on a background with the Hex color 9DABAF.

# 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](#).

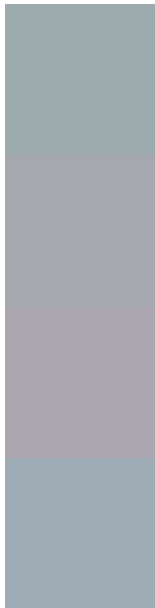
## Dichromacy





**Tritanopia**  
9EAAB7

# Trichromacy



**Original Color**  
9DABAF

**Protanomaly**  
A5A8AE

**Deuteranomaly**  
ACA6B0

**Tritanomaly**  
9EAAB4

# Monochromacy



**Original Color**  
9DABAF

**Achromatopsia**  
A7A7A7

**Achromatomaly**  
A3A8AA

# CSS Examples

## Text

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

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

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 #9DABAF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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