

# Converting Colors

Hex(9CAAAB)

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

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# **Color**

**Hex(9CAAAB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CAAAB
RGB	156, 170, 171
RGB Percent	61%, 67%, 67%
CMY	0.3882, 0.3333, 0.3294
CMYK	0.09, 0.01, 0.00, 0.33
HSL	184°, 8%, 64%
HSV	184°, 9%, 67%
XYZ	35.4357, 38.7576, 44.1414
YIQ	165.9280, -8.6650, -2.6570

# Conversions

## Conversions Part 2

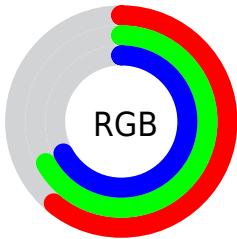
Format	Color
R <sub>Y</sub> B	156, 163, 171
Decimal	10267307
CIE Lab	68.58, -4.69, -2.20
CIE LCh	69, 5.177, 205.172
Yxy	38.7576, 0.2995, 0.3275
Android (android.graphics.Color)	4288457387 (0xFF9CAAAB)
YUV	165.9280, 2.5005, -8.7069
Hunter-Lab	62.2556, -7.3457, 1.5403

# Details

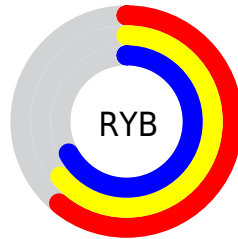
The Hex color **9CAAAB** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AB9D9C**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **D3E1E2**, and **697677** is the 20% darker color. If you saturate the color by 10%, you get **8BA9AB**, and if you desaturate by 10%, it is **ADABAB**.

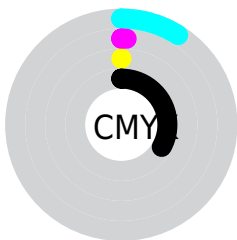
# Distribution



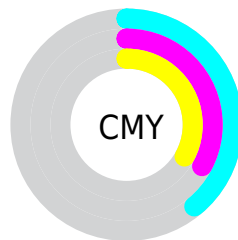
- Red (61%)
- Green (67%)
- Blue (67%)



- Red (61%)
- Yellow (64%)
- Blue (67%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (33%)



- Cyan (39%)
- Magenta (33%)
- Yellow (33%)

# Brightness & Saturation Gradients

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



■ 9CAAAB

■ 9CAAAB

FFFFFF

■ 829091

■ D3E1E2

■ 697677

■ EFFEFF

■ 515D5E

■ 394647

■ 242F30

■ 0F1B1B

■ 000000

■ 9CAAAB

■ 9CAAAB

■ 8BA9AB

■ ADABAB

7AA8AB

BEACAB

69A7AB

CFADAB

58A5AB

E0AFAB

47A4AB

F1B0AB

35A3AB

FFB1AB

24A2AB

FFB2AB

13A1AB

FFB3AB

02A0AB

FFB4AB

# Harmonies

## Analogous

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



9DAAA6



9CAAAB



9EA9AF

# Triad

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



9CAAAB



ADA5AD



ACA79E

# Complementary

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



9CAAAB



AB9D9C

# 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.



B0A5A0



9CAAAB



B1A4A8

# Square

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



9CAAAB



A7A6B0



B2A4A3



A7A89F

# Rectangle

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



9CAAAB



A0A8B0



B2A4A3



AEA69E



# Sweetspot

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



9CAAAB



D7DDDE



9CAB9D



6C7070



F0F0F0



707070



# Same Dimension

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



9CAAAB



C5DCDE



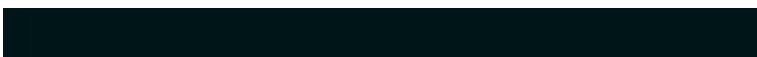
9CA3AB



4E5657



008C96



001517



# Inverse Universe

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



AB9CAA



DEC5DC



ABA49C



574E56



96008C

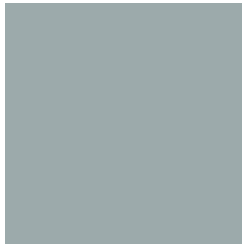


170015



# Previews

## White Background



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

## Color Contrast Check

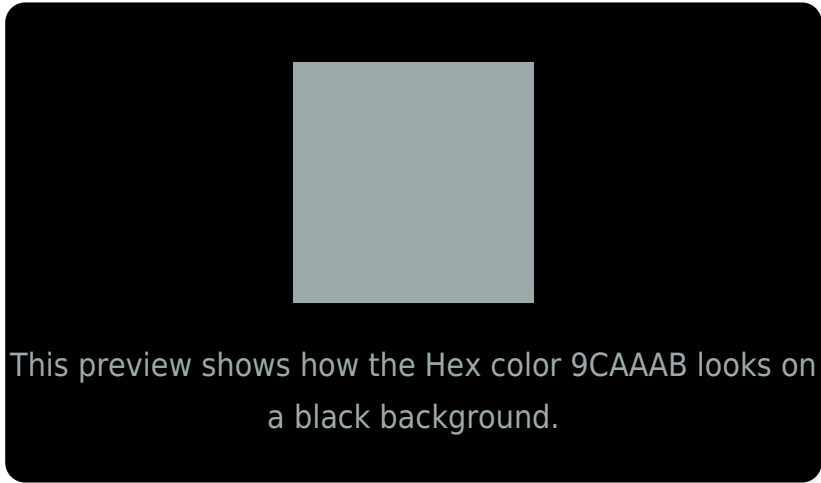
Large Text (above 18pt) WCAG AA × Fail

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

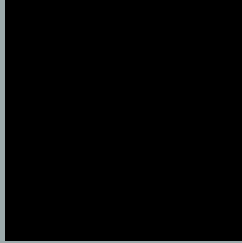
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

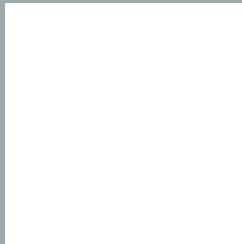
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9CAAAB Background



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

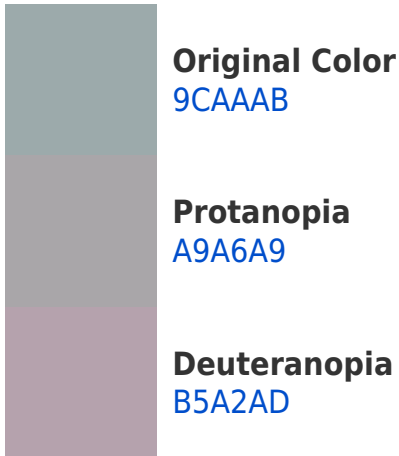


This preview shows how white text looks on a background with the Hex color 9CAAAB.

# 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](#).

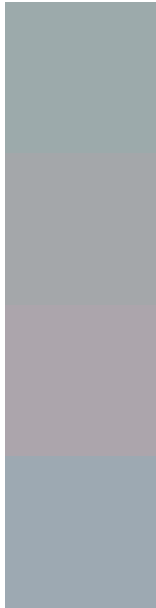
## Dichromacy





**Tritanopia**  
9EA8B6

# Trichromacy



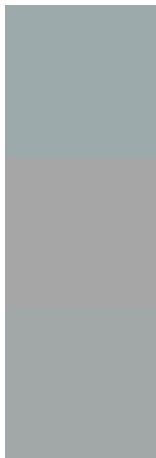
**Original Color**  
9CAAAB

**Protanomaly**  
A4A7AA

**Deuteranomaly**  
ACA5AC

**Tritanomaly**  
9DA9B2

# Monochromacy



**Original Color**  
9CAAAB

**Achromatopsia**  
A6A6A6

**Achromatomaly**  
A2A7A8

# CSS Examples

## Text

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

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

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 #9CAAAB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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