

# Converting Colors

Hex(9AC7A9)

Have a look what the booklet for  
Hex(9AC7A9) contains.

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# **Color**

**Hex(9AC7A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AC7A9
RGB	154, 199, 169
RGB Percent	60%, 78%, 66%
CMY	0.3961, 0.2196, 0.3373
CMYK	0.23, 0.00, 0.15, 0.22
HSL	140°, 29%, 69%
HSV	140°, 23%, 78%
XYZ	40.9113, 50.5814, 45.1431
YIQ	182.1250, -17.1900, -18.8700

# Conversions

## Conversions Part 2

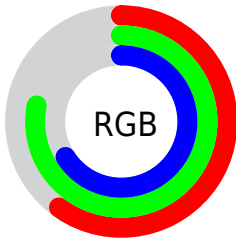
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 188, 199
Decimal	10143657
CIELab	76.42, -20.86, 10.22
CIELCh	76, 23.233, 153.903
Yxy	50.5814, 0.2994, 0.3702
Android (android.graphics.Color)	4288333737 (0xFF9AC7A9)
YUV	182.1250, -6.4706, -24.6656
Hunter-Lab	71.1206, -21.7811, 12.1508

# Details

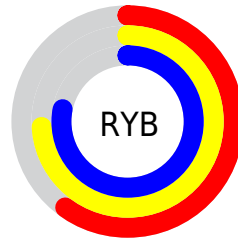
The Hex color **9AC7A9** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C79AB8**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **D1FFE0**, and **669175** is the 20% darker color. If you saturate the color by 10%, you get **86C79C**, and if you desaturate by 10%, it is **AEC7B6**.

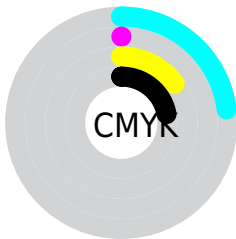
# Distribution



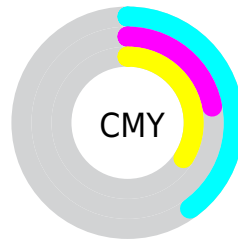
- Red (60%)
- Green (78%)
- Blue (66%)



- Red (60%)
- Yellow (74%)
- Blue (78%)



- Cyan (23%)
- Magenta (0%)
- Yellow (15%)
- Black (22%)



- Cyan (40%)
- Magenta (22%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AC7A9 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 9AC7A9 by changing the saturation by 10% instead.



 9AC7A9

 9AC7A9

FFFFFF

 80AC8F

 D1FFE0

 669175

 EEFFFD

 4D775C

 355E45

 1E462E

 053019

 001C00

 000000

 9AC7A9

 9AC7A9

 86C79C

 AEC7B6

 72C78E

 C2C7C4

 5EC781

 D6C7D1

 4AC774

 EAC7DE

 36C767

 FEC7EB

 23C759

 FFC7F9

 0FC74C

 FFC7FF

 00C742

# Harmonies

## Analogous

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



B2C299



9AC7A9



87C9BF

# Triad

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



9AC7A9



A7BDE7



E8AFA6

# Complementary

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



9AC7A9



C79AB8

# 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.



E7ADBA



9AC7A9



C4B6E0

# Square

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



9AC7A9



8DC4E2



DBB0D0



DDB597

# Rectangle

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



9AC7A9



81C8CD



DBB0D0



E9AEAC



# Sweetspot

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



9AC7A9



EDFFF3



B8C79A



758079



000000



808080

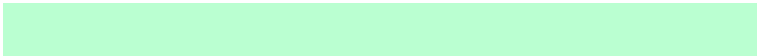


# Same Dimension

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



9AC7A9



BAFFD1



9AC7C0



5A635D



00A336



00240C



# Inverse Universe

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



C79AB8



FFBAE8



C79AA2



635A60



A3006D

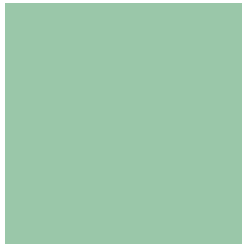


240018



# Previews

## White Background



This preview shows how the Hex color 9AC7A9 looks on a white background.

## Color Contrast Check

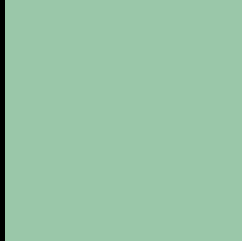
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 9AC7A9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

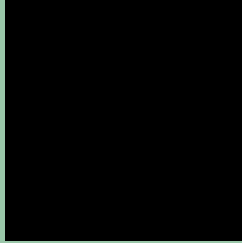
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9AC7A9 Background



This preview shows how black text looks on a background with the Hex color 9AC7A9.

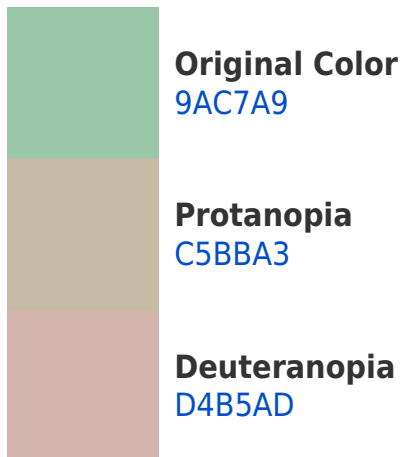


This preview shows how white text looks on a background with the Hex color 9AC7A9.

# 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](#).

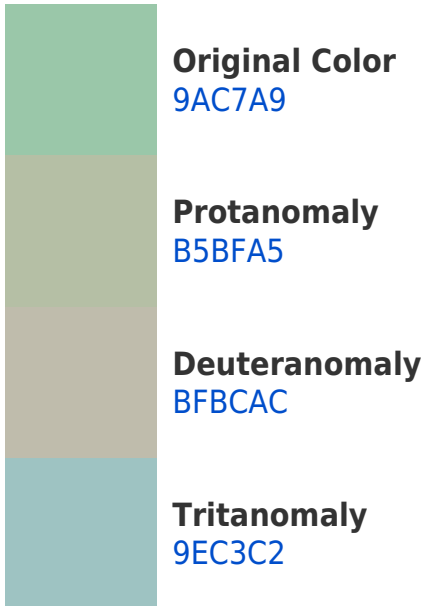
## Dichromacy



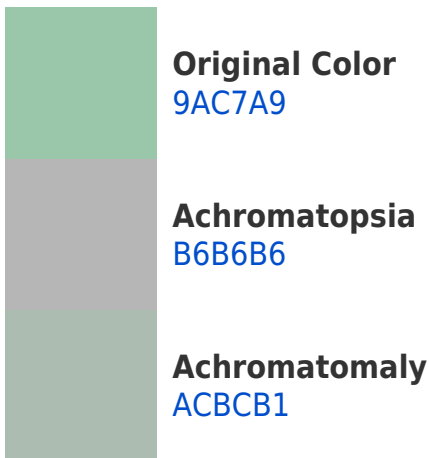


**Tritanopia**  
A1C1D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AC7A9 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 #9AC7A9 looks like.

```
.text, #text, p{  
    color:#9AC7A9  
}
```

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 #9AC7A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AC7A9
}
```

## Border

The CSS property to change the border of an element to Hex 9AC7A9 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
#9AC7A9 }
```

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

```
.border{ border-color:#9AC7A9 }
```

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

Here you see how a box with a 4 pixel #9AC7A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AC7A9; -webkit-box-shadow:4px 4px  
4px 4px #9AC7A9; box-shadow:4px 4px 4px  
4px #9AC7A9 }
```

# Background

The CSS property to change the background color of an element to Hex 9AC7A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AC7A9 }
```

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

```
.background{ background-color:#9AC7A9 }
```

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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