

# Converting Colors

Hex(9AC7C3)

Have a look what the booklet for  
Hex(9AC7C3) contains.

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# **Color**

**Hex(9AC7C3)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 9AC7C3                       |
| RGB         | 154, 199, 195                |
| RGB Percent | 60%, 78%, 76%                |
| CMY         | 0.3961, 0.2196, 0.2353       |
| CMYK        | 0.23, 0.00, 0.02, 0.22       |
| HSL         | 175°, 29%, 69%               |
| HSV         | 175°, 23%, 78%               |
| XYZ         | 43.6002, 51.6570, 59.3026    |
| YIQ         | 185.0890, -25.5360, -10.7840 |

# Conversions

## Conversions Part 2

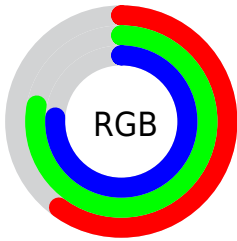
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">154, 178, 199</a>                                |
| Decimal                             | <a href="#">10143683</a>                                     |
| CIELab                              | <a href="#">77.08, -15.57, -2.86</a>                         |
| CIELCh                              | <a href="#">77, 15.832, 190.393</a>                          |
| Yxy                                 | <a href="#">51.6570, 0.2821, 0.3342</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4288333763</a><br>( <a href="#">0xFF9AC7C3</a> ) |
| YUV                                 | <a href="#">185.0890, 4.8861, -27.2651</a>                   |
| Hunter-Lab                          | <a href="#">71.8728, -17.4940, 1.3905</a>                    |

# Details

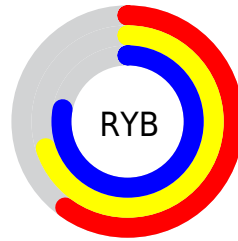
The Hex color **9AC7C3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C79A9E**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **D1FFFC**, and **66918D** is the 20% darker color. If you saturate the color by 10%, you get **86C7C1**, and if you desaturate by 10%, it is **AEC7C5**.

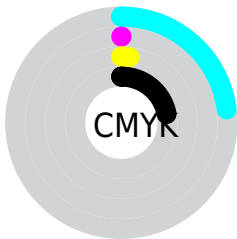
# Distribution



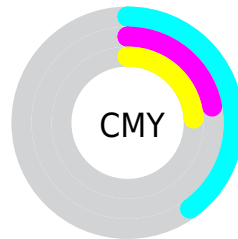
- Red (60%)
- Green (78%)
- Blue (76%)



- Red (60%)
- Yellow (70%)
- Blue (78%)



- Cyan (23%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)



- Cyan (40%)
- Magenta (22%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AC7C3 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 9AC7C3 by changing the saturation by 10% instead.





9AC7C3



9AC7C3

FFFFFF



7FACA8



D1FFFC



66918D



EEEFFF



4D7774



345E5B



1C4744



01302E



001C19



000000



9AC7C3



9AC7C3

 86C7C1

 AEC7C5

 72C7BF

 C2C7C7

 5EC7BE

 D6C7C8

 4AC7BC

 EAC7CA

 36C7BA

 FEC7CC

 23C7B8

 FFC7CE

 0FC7B7

 FFC7CF

 00C7B5

 FFC7D1

 FFC7D3

# Harmonies

## Analogous

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



A4C6B4



9AC7C3



99C6D1

# Triad

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



9AC7C3



C7B9D5



D3BAA3

# Complementary

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



9AC7C3



C79A9E

# 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.



DCB6AC



9AC7C3



D6B5C8

# Square

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



9AC7C3



B5BEDB



DDB4BA



C5BFA2

# Rectangle

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



9AC7C3



9FC4D7



DDB4BA



D7B9A5



# Sweetspot

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



9AC7C3



EDFFFD



9FC79A



75807F



000000



808080



# Same Dimension

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



9AC7C3



BAFFF9



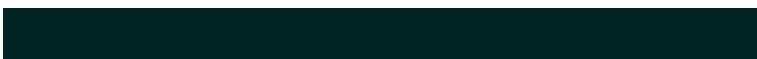
9AB5C7



5A6363



00A395



002421



# Inverse Universe

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



C79A9E



FFBAC0



C7AC9A



635A5A



A3000F

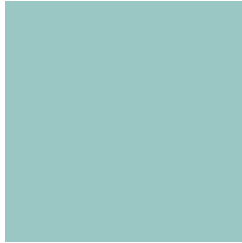


240003



# Previews

## White Background



This preview shows how the Hex color 9AC7C3 looks on a white background.

## Color Contrast Check

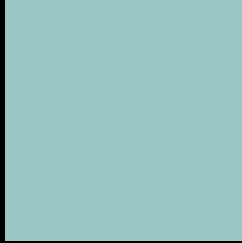
Large Text (above 18pt) WCAG AA × Fail

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 9AC7C3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

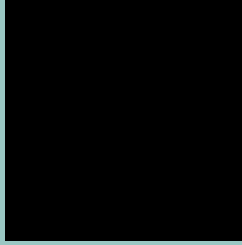
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

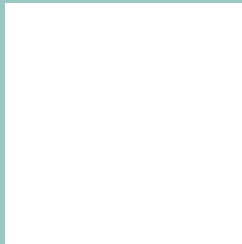
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9AC7C3 Background



This preview shows how black text looks on a background with the Hex color 9AC7C3.

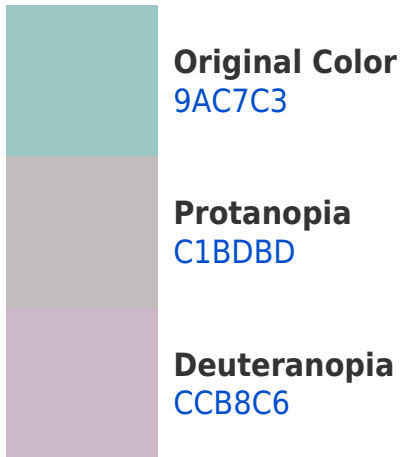


This preview shows how white text looks on a background with the Hex color 9AC7C3.

# 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](#).

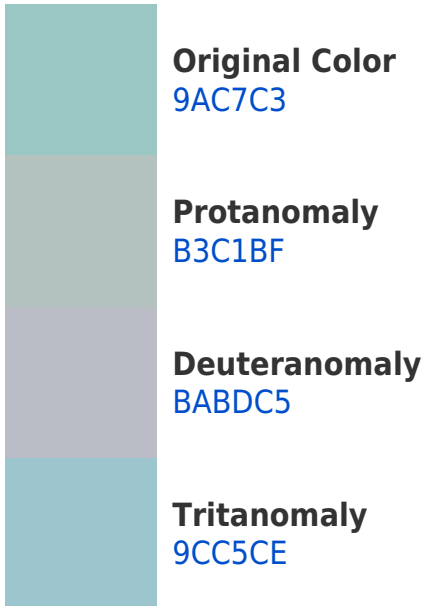
## Dichromacy





**Tritanopia**  
9DC4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AC7C3 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 #9AC7C3 looks like.

```
.text, #text, p{  
    color:#9AC7C3  
}
```

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 #9AC7C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AC7C3
}
```

## Border

The CSS property to change the border of an element to Hex 9AC7C3 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
#9AC7C3 }
```

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

```
.border{ border-color:#9AC7C3 }
```

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

Here you see how a box with a 4 pixel #9AC7C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AC7C3; -webkit-box-shadow:4px 4px  
4px 4px #9AC7C3; box-shadow:4px 4px 4px  
4px #9AC7C3 }
```

# Background

The CSS property to change the background color of an element to Hex 9AC7C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AC7C3 }
```

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

```
.background{ background-color:#9AC7C3 }
```

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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