

# Converting Colors

Hex(9DAE9A)

Have a look what the booklet for  
Hex(9DAE9A) contains.

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# **Color**

**Hex(9DAE9A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DAE9A
RGB	157, 174, 154
RGB Percent	62%, 68%, 60%
CMY	0.3843, 0.3176, 0.3961
CMYK	0.10, 0.00, 0.11, 0.32
HSL	111°, 11%, 64%
HSV	111°, 11%, 68%
XYZ	34.8734, 39.7733, 36.4108
YIQ	166.6370, -3.7120, -9.8240

# Conversions

## Conversions Part 2

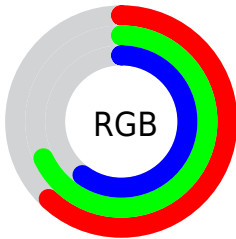
Format	Color
<a href="#">RYB</a>	<a href="#">154, 174, 171</a>
Decimal	<a href="#">10333850</a>
CIELab	<a href="#">69.31, -9.76, 8.26</a>
CIELCh	<a href="#">69, 12.784, 139.741</a>
Yxy	<a href="#">39.7733, 0.3140, 0.3581</a>
Android (android.graphics.Color)	<a href="#">4288523930</a> ( <a href="#">0xFF9DAE9A</a> )
YUV	<a href="#">166.6370, -6.2300, -8.4516</a>
Hunter-Lab	<a href="#">63.0661, -11.6611, 9.9155</a>

# Details

The Hex color **9DAE9A** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AB9AAE**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **D4E5D0**, and **6A7A67** is the 20% darker color. If you saturate the color by 10%, you get **8EAE89**, and if you desaturate by 10%, it is **ACAEB**.

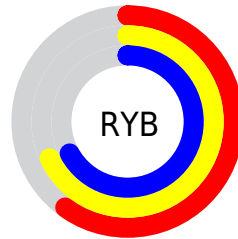
# Distribution



Red (62%)

Green (68%)

Blue (60%)



Red (60%)

Yellow (68%)

Blue (67%)

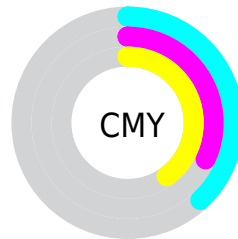


Cyan (10%)

Magenta (0%)

Yellow (11%)

Black (32%)



Cyan (38%)

Magenta (32%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DAE9A 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 9DAE9A by changing the saturation by 10% instead.





9DAE9A



9DAE9A

FFFFFF



839380



D4E5D0



6A7A67



F0FFED



51614F



3A4938



243223



101D0D



000000



9DAE9A



9DAE9A



8EAE89



ACAEAB

 7FAE77

 BBAEBD

 71AE66

 C9AECE

 62AE54

 D8AEE0

 53AE43

 E7AEF1

 44AE32

 F6AEFF

 35AE20

 FFAEFF

 27AE0F

 1AAE00

# Harmonies

## Analogous

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



AAAB93



9DAE9A



92B0A5

# Triad

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



9DAE9A



98ABC0



C2A2A2

# Complementary

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



9DAE9A



AB9AAE

# 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.



BEA2AE



9DAE9A



A7A8BF

# Square

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



9DAE9A



8EAEBA



B5A4B8



BFA498

# Rectangle

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



9DAE9A



8DB0AD



B5A4B8



C2A1A6



# Sweetspot

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



9DAE9A



DDE3DC



AEAB9A



6F736E



F2F2F2



737373



# Same Dimension

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



9DAE9A



C8E3C3



9AAEA1



4F574E



179600



031700



# Inverse Universe

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



AB9AAE



DEC3E3



AE9AA7



554E57



800096

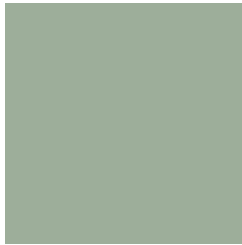


140017



# Previews

## White Background



This preview shows how the Hex color 9DAE9A looks on a white background.

## Color Contrast Check

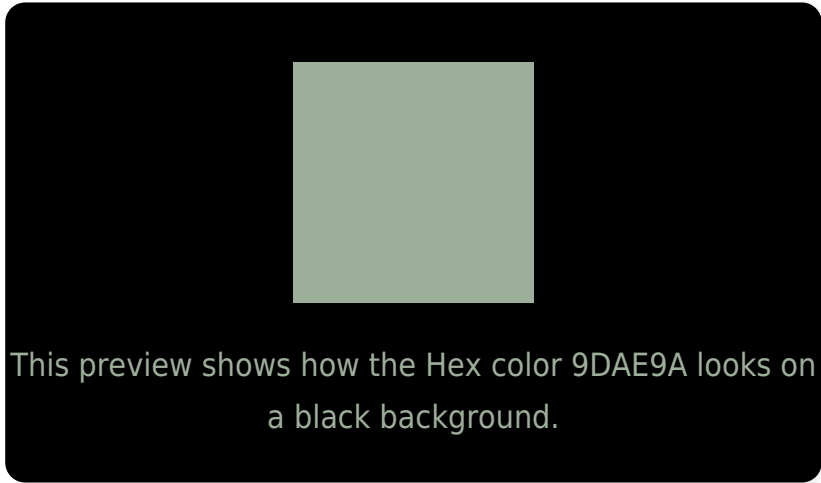
Large Text (above 18pt) WCAG AA × Fail

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

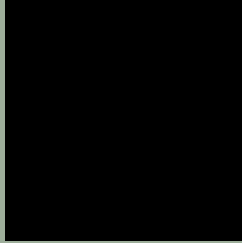
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

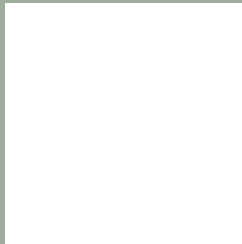
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9DAE9A Background



This preview shows how black text looks on a background with the Hex color 9DAE9A.

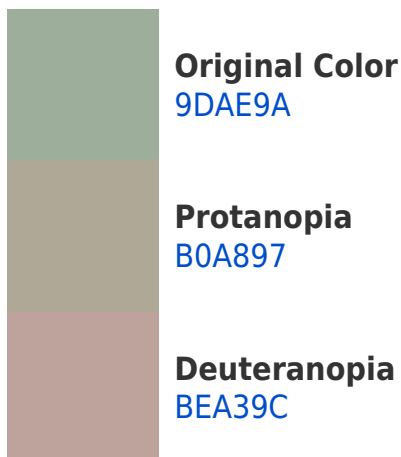


This preview shows how white text looks on a background with the Hex color 9DAE9A.

# 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](#).

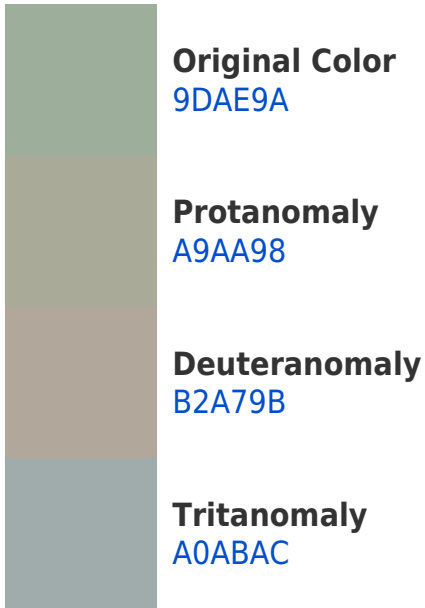
## Dichromacy



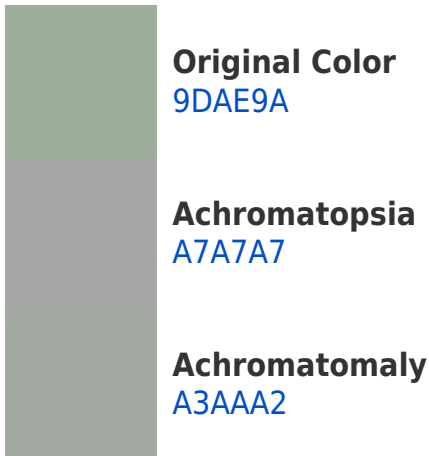


**Tritanopia**  
A2AAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DAE9A 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 #9DAE9A looks like.

```
.text, #text, p{  
    color:#9DAE9A  
}
```

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 #9DAE9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DAE9A
}
```

## Border

The CSS property to change the border of an element to Hex 9DAE9A 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
#9DAE9A }
```

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

```
.border{ border-color:#9DAE9A }
```

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

Here you see how a box with a 4 pixel #9DAE9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DAE9A; -webkit-box-shadow:4px 4px  
4px 4px #9DAE9A; box-shadow:4px 4px 4px  
4px #9DAE9A }
```

# Background

The CSS property to change the background color of an element to Hex 9DAE9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DAE9A }
```

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

```
.background{ background-color:#9DAE9A }
```

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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