

# Converting Colors

Hex(7AAE9F)

Have a look what the booklet for  
Hex(7AAE9F) contains.

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# **Color**

**Hex(7AAE9F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AAE9F
RGB	122, 174, 159
RGB Percent	48%, 68%, 62%
CMY	0.5216, 0.3176, 0.3765
CMYK	0.30, 0.00, 0.09, 0.32
HSL	163°, 24%, 58%
HSV	163°, 30%, 68%
XYZ	29.4201, 36.9129, 38.3752
YIQ	156.7420, -26.1770, -15.6890

# Conversions

## Conversions Part 2

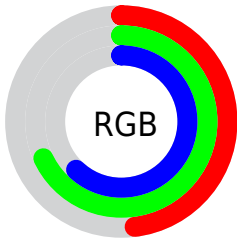
Format	Color
<a href="#">RYB</a>	<a href="#">122, 152, 174</a>
Decimal	<a href="#">8040095</a>
CIELab	<a href="#">67.21, -20.45, 2.19</a>
CIElCh	<a href="#">67, 20.564, 173.872</a>
Yxy	<a href="#">36.9129, 0.2810, 0.3525</a>
Android (android.graphics.Color)	<a href="#">4286230175 (0xFF7AAE9F)</a>
YUV	<a href="#">156.7420, 1.1132, -30.4687</a>
Hunter-Lab	<a href="#">60.7560, -19.8872, 5.0799</a>

# Details

The Hex color **7AAE9F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AE7A89**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B0E6D6**, and **47796C** is the 20% darker color. If you saturate the color by 10%, you get **69AE9A**, and if you desaturate by 10%, it is **8BAEA4**.

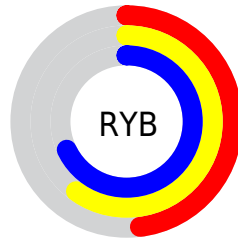
# Distribution



Red (48%)

Green (68%)

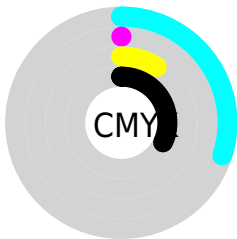
Blue (62%)



Red (48%)

Yellow (60%)

Blue (68%)

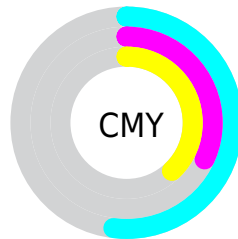


Cyan (30%)

Magenta (0%)

Yellow (9%)

Black (32%)



Cyan (52%)

Magenta (32%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AAE9F 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 7AAE9F by changing the saturation by 10% instead.





7AAE9F



7AAE9F

FFFFFF



609385



B0E6D6



47796C



CCFFF2



2E6053



E8FFFF



14483C



003227



001E12



000000



7AAE9F



7AAE9F



69AE9A



8BAEA4

■ 57AE95

■ 9DAEA9

■ 46AE90

■ AEAEAE

■ 34AE8B

■ C0AEB3

■ 23AE86

■ D1AEB8

■ 12AE81

■ E2AEBD

■ 00AE7C

■ F4AEC2

■ FFAEC7

■ FFAECC

# Harmonies

## Analogous

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



8DAC8D



7AAE9F



70AEB2

# Triad

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



7AAE9F



A2A0C5



C49B86

# Complementary

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



7AAE9F



AE7A89

# 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.



CA9795



7AAE9F



B89ABA

# Square

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



7AAE9F



89A6C8



C697A8



B5A17F

# Rectangle

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



7AAE9F



72ACBD



C697A8



C7998B



# Sweetspot

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



7AAE9F



CFE3DD



8AAE7A



66736F



F2F2F2



737373



# Same Dimension

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



7AAE9F



91E3CB



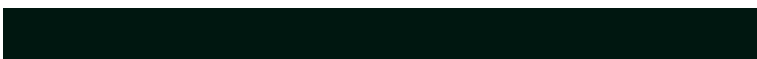
7AA4AE



4E5754



00966B



001710



# Inverse Universe

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



AE7A89



E391A9



AE847A



574E51



96002B



170007



# Previews

## White Background



This preview shows how the Hex color 7AAE9F looks on a white background.

## Color Contrast Check

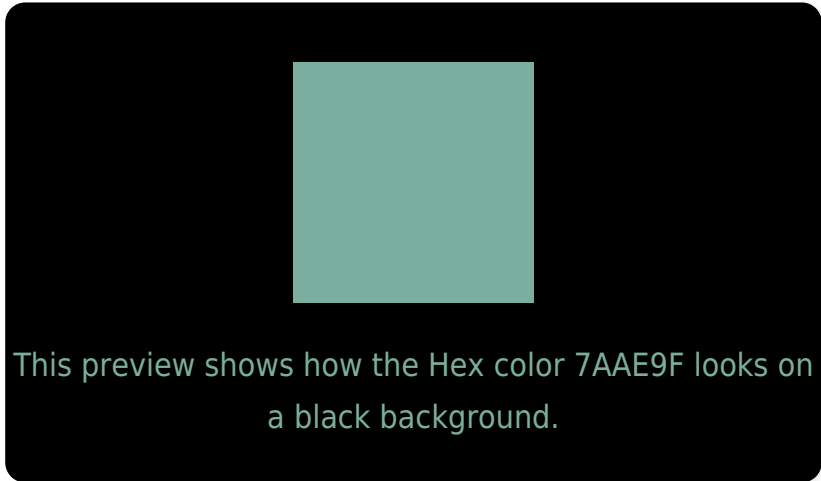
Large Text (above 18pt) WCAG AA × Fail

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

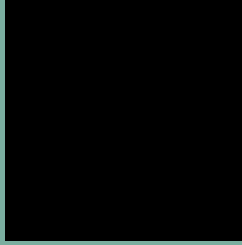
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7AAE9F Background



This preview shows how black text looks on a background with the Hex color 7AAE9F.

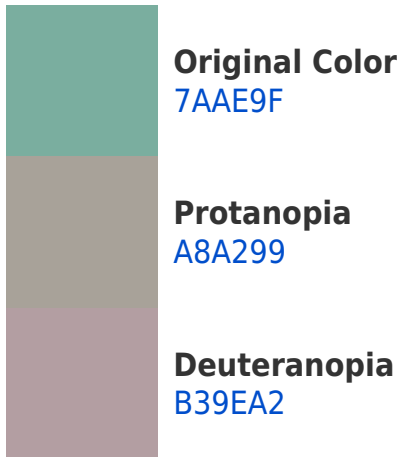


This preview shows how white text looks on a background with the Hex color 7AAE9F.

# 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](#).

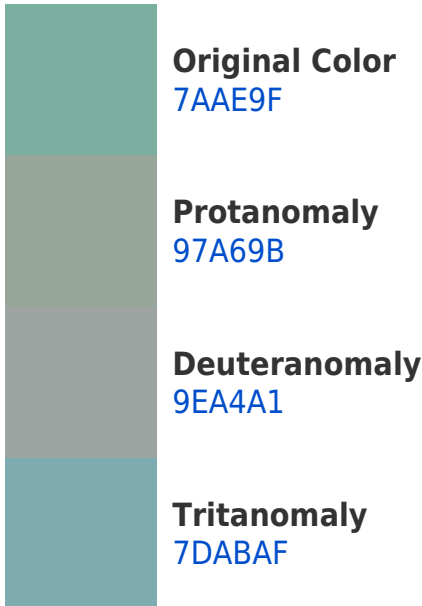
## Dichromacy



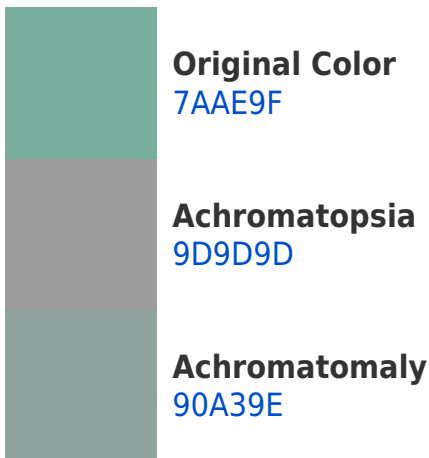


**Tritanopia**  
7FAAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AAE9F 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 #7AAE9F looks like.

```
.text, #text, p{  
    color:#7AAE9F  
}
```

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 #7AAE9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AAE9F
}
```

## Border

The CSS property to change the border of an element to Hex 7AAE9F 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
#7AAE9F }
```

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

```
.border{ border-color:#7AAE9F }
```

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

Here you see how a box with a 4 pixel #7AAE9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AAE9F; -webkit-box-shadow:4px 4px  
4px 4px #7AAE9F; box-shadow:4px 4px 4px  
4px #7AAE9F }
```

# Background

The CSS property to change the background color of an element to Hex 7AAE9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AAE9F }
```

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

```
.background{ background-color:#7AAE9F }
```

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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