

# Converting Colors

Hex(7AA9A9)

Have a look what the booklet for  
Hex(7AA9A9) contains.

<b>Hex(7AA9A9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(7AA9A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AA9A9
RGB	122, 169, 169
RGB Percent	48%, 66%, 66%
CMY	0.5216, 0.3373, 0.3373
CMYK	0.28, 0.00, 0.00, 0.34
HSL	180°, 21%, 57%
HSV	180°, 28%, 66%
XYZ	29.3754, 35.3781, 42.8165
YIQ	154.9470, -28.0120, -9.9640

# Conversions

## Conversions Part 2

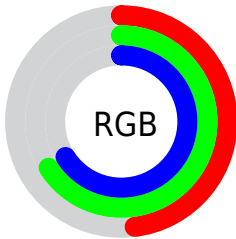
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">122, 146, 169</a>
Decimal	<a href="#">8038825</a>
CIELab	<a href="#">66.04, -15.58, -5.07</a>
CIELCh	<a href="#">66, 16.381, 198.044</a>
Yxy	<a href="#">35.3781, 0.2731, 0.3289</a>
Android (android.graphics.Color)	<a href="#">4286228905 (0xFF7AA9A9)</a>
YUV	<a href="#">154.9470, 6.9281, -28.8945</a>
Hunter-Lab	<a href="#">59.4795, -15.9324, -1.0445</a>

# Details

The Hex color **7AA9A9** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A97A7A**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B0E0E0**, and **477575** is the 20% darker color. If you saturate the color by 10%, you get **69A9A9**, and if you desaturate by 10%, it is **8BA9A9**.

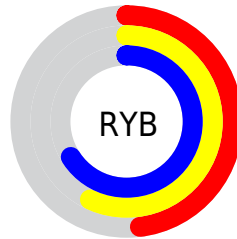
# Distribution



Red (48%)

Green (66%)

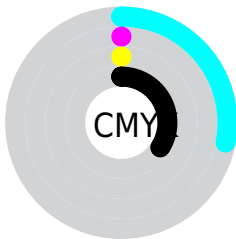
Blue (66%)



Red (48%)

Yellow (57%)

Blue (66%)

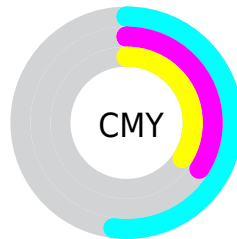


Cyan (28%)

Magenta (0%)

Yellow (0%)

Black (34%)



Cyan (52%)

Magenta (34%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AA9A9 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 7AA9A9 by changing the saturation by 10% instead.





7AA9A9



7AA9A9

FFFFFF



608E8F



B0E0E0



477575



CCDFD



2E5C5C



E8FFFF



144445



002E2F



001A1A



000000



7AA9A9



7AA9A9



69A9A9



8BA9A9

 58A9A9

 9CA9A9

 47A9A9

 ADA9A9

 36A9A9

 BEA9A9

 26A9A9

 CEA9A9

 15A9A9

 DFA9A9

 04A9A9

 FOA9A9

 00A9A9

 FFA9A9

# Harmonies

## Analogous

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



83A99A



7AA9A9



7CA7B6

# Triad

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



7AA9A9



AE9AB4



B29D84

# Complementary

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



7AA9A9



A97A7A

# 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.



BC998B



7AA9A9



BB97A7

# Square

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



7AA9A9



9C9FBC



C09698



A3A285

# Rectangle

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



7AA9A9



84A5BB



C09698



B69C86



# Sweetspot

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



7AA9A9



CADBDB



7AA97A



636E6E



EDEDED



6E6E6E



# Same Dimension

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



7AA9A9



93DBDB



7A92A9



4C5454



009494



001414



# Inverse Universe

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



A97AA9



DB93DB



A9927A



544C54



940094



140014



# Previews

## White Background



This preview shows how the Hex color 7AA9A9 looks on a white background.

## Color Contrast Check

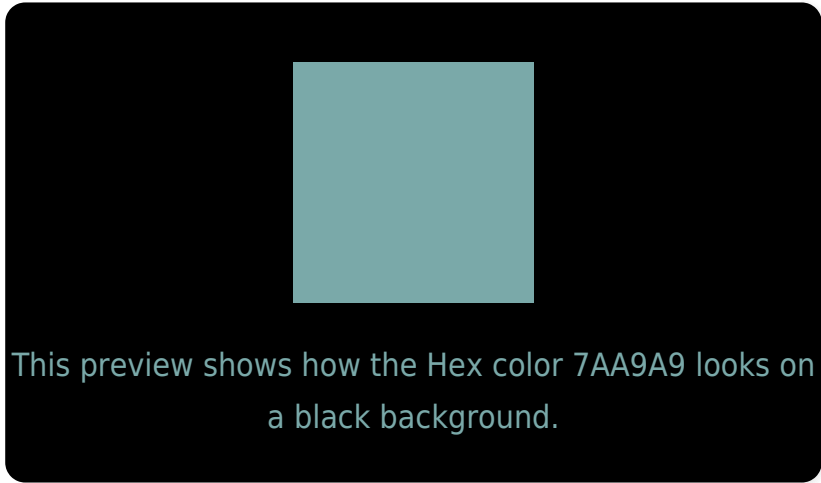
Large Text (above 18pt) WCAG AA × Fail

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

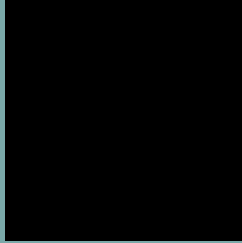
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

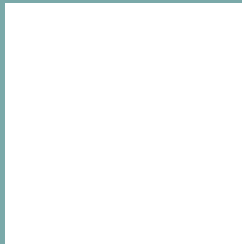
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7AA9A9 Background



This preview shows how black text looks on a background with the Hex color 7AA9A9.

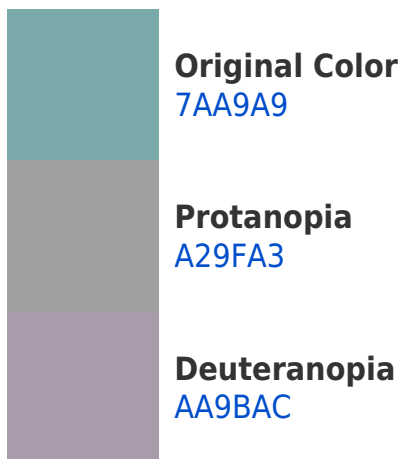


This preview shows how white text looks on a background with the Hex color 7AA9A9.

# 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](#).

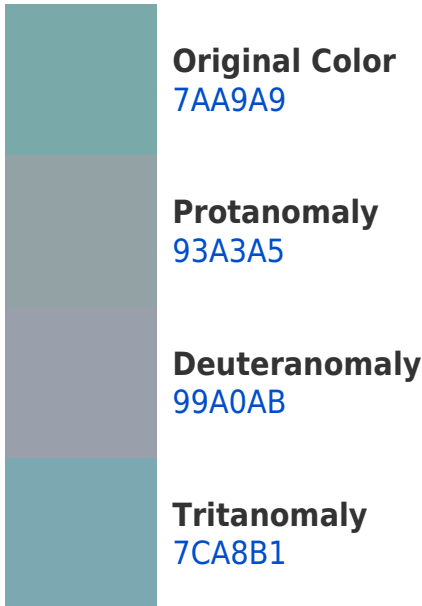
## Dichromacy



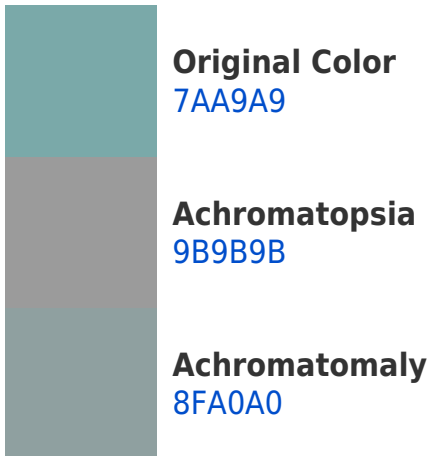


**Tritanopia**  
7DA7B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AA9A9 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 #7AA9A9 looks like.

```
.text, #text, p{  
    color:#7AA9A9  
}
```

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 #7AA9A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AA9A9
}
```

## Border

The CSS property to change the border of an element to Hex 7AA9A9 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
#7AA9A9 }
```

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

```
.border{ border-color:#7AA9A9 }
```

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

Here you see how a box with a 4 pixel #7AA9A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AA9A9; -webkit-box-shadow:4px 4px  
4px 4px #7AA9A9; box-shadow:4px 4px 4px  
4px #7AA9A9 }
```

# Background

The CSS property to change the background color of an element to Hex 7AA9A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AA9A9 }
```

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

```
.background{ background-color:#7AA9A9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor