

# Converting Colors

Hex(7A9CA3)

Have a look what the booklet for  
Hex(7A9CA3) contains.

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# **Color**

**Hex(7A9CA3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A9CA3
RGB	122, 156, 163
RGB Percent	48%, 61%, 64%
CMY	0.5216, 0.3882, 0.3608
CMYK	0.25, 0.04, 0.00, 0.36
HSL	190°, 18%, 56%
HSV	190°, 25%, 64%
XYZ	26.5254, 30.5589, 39.1507
YIQ	146.6320, -22.5110, -5.0310

# Conversions

## Conversions Part 2

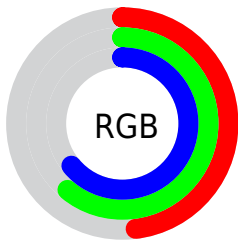
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 141, 163
Decimal	8035491
CIELab	62.13, -10.04, -7.51
CIElCh	62, 12.532, 216.794
Yxy	30.5589, 0.2756, 0.3175
Android (android.graphics.Color)	4286225571 (0xFF7A9CA3)
YUV	146.6320, 8.0694, -21.6023
Hunter-Lab	55.2801, -11.0894, -3.2946

# Details

The Hex color **7A9CA3** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A3817A**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **AFD3DA**, and **48696F** is the 20% darker color. If you saturate the color by 10%, you get **6A99A3**, and if you desaturate by 10%, it is **8A9FA3**.

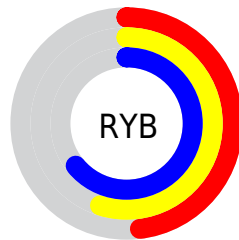
# Distribution



Red (48%)

Green (61%)

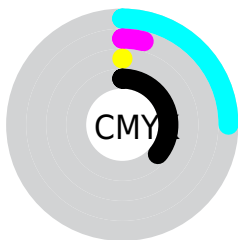
Blue (64%)



Red (48%)

Yellow (55%)

Blue (64%)

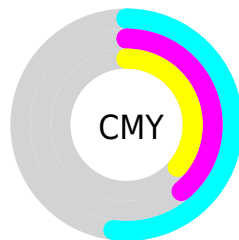


Cyan (25%)

Magenta (4%)

Yellow (0%)

Black (36%)



Cyan (52%)

Magenta (39%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A9CA3 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 7A9CA3 by changing the saturation by 10% instead.



7A9CA3

7A9CA3

FFFFFF

618289

AFD3DA

48696F

CBEFF6

305157

E7FFFF

183A40

00242A

000F16

000000

7A9CA3

7A9CA3

6A99A3

8A9FA3

5996A3

9BA2A3

4994A3

ABA4A3

3991A3

BBA7A3

298EA3

CCAAA3

188BA3

DCADA3

0889A3

ECAFA3

0087A3

FCB2A3

FFB5A3

# Harmonies

## Analogous

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



7B9D98



7A9CA3



819AAA

# Triad

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



7A9CA3



A7909F



9D9680

# Complementary

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



7A9CA3



A3817A

# 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.



A79382



7A9CA3



AD8F94

# Square

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



7A9CA3



9B93A8



AD9089



909A84

# Rectangle

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



7A9CA3



8997AC



AD9089



A09580



# Sweetspot

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



7A9CA3



C3D1D4



7AA381



60696B



EBEBEB



6B6B6B



# Same Dimension

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



7A9CA3



94C9D4



7A88A3



495052



007991



000F12



# Inverse Universe

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



A37A9C



D494C9



A3957A



524950



910079



12000F



# Previews

## White Background



This preview shows how the Hex color 7A9CA3 looks on a white background.

## Color Contrast Check

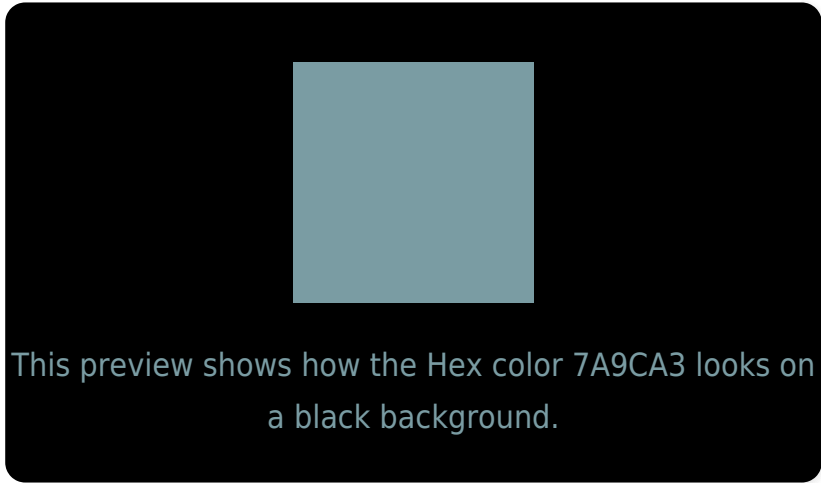
Large Text (above 18pt) WCAG AA × Fail

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

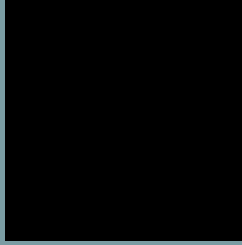
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7A9CA3 Background



This preview shows how black text looks on a background with the Hex color 7A9CA3.

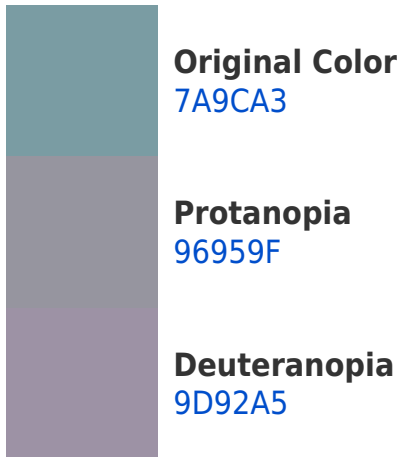



This preview shows how white text looks on a background with the Hex color 7A9CA3.

# 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](#).

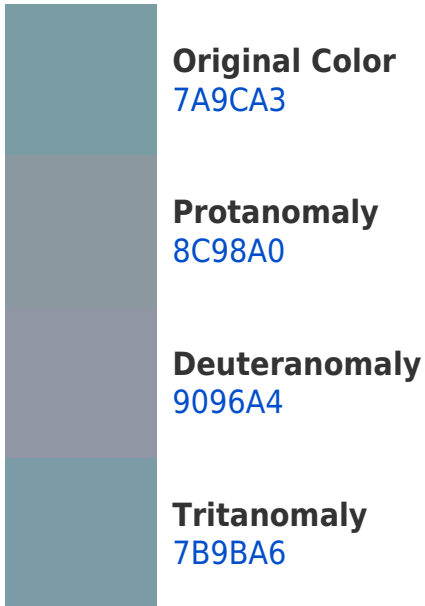
## Dichromacy





**Tritanopia**  
7B9BA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A9CA3 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 #7A9CA3 looks like.

```
.text, #text, p{  
    color:#7A9CA3  
}
```

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 #7A9CA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A9CA3  
}
```

## Border

The CSS property to change the border of an element to Hex 7A9CA3 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  
#7A9CA3 }
```

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

```
.border{ border-color:#7A9CA3 }
```

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

Here you see how a box with a 4 pixel #7A9CA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A9CA3; -webkit-box-shadow:4px 4px  
4px 4px #7A9CA3; box-shadow:4px 4px 4px  
4px #7A9CA3 }
```

# Background

The CSS property to change the background color of an element to Hex 7A9CA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A9CA3 }
```

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

```
.background{ background-color:#7A9CA3 }
```

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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