

# Converting Colors

Hex(7A97A2)

Have a look what the booklet for  
Hex(7A97A2) contains.

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# Color

Hex(7A97A2)

# Conversions

## Conversions Part 1

Format	Color
Hex	7A97A2
RGB	122, 151, 162
RGB Percent	48%, 59%, 64%
CMY	0.5216, 0.4078, 0.3647
CMYK	0.25, 0.07, 0.00, 0.36
HSL	196°, 18%, 56%
HSV	196°, 25%, 64%
XYZ	25.6142, 28.8794, 38.4067
YIQ	143.5830, -20.8150, -2.7270

# Conversions

## Conversions Part 2

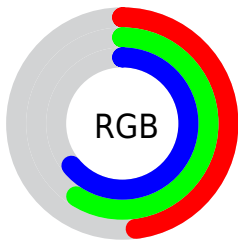
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 139, 162
Decimal	8034210
CIELab	60.68, -7.53, -9.11
CIELCh	61, 11.825, 230.419
Yxy	28.8794, 0.2757, 0.3109
Android (android.graphics.Color)	4286224290 (0xFF7A97A2)
YUV	143.5830, 9.0796, -18.9283
Hunter-Lab	53.7396, -8.9647, -4.7558

# Details

The Hex color **7A97A2** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A2857A**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **AFCDD9**, and **48646E** is the 20% darker color. If you saturate the color by 10%, you get **6A93A2**, and if you desaturate by 10%, it is **8A9BA2**.

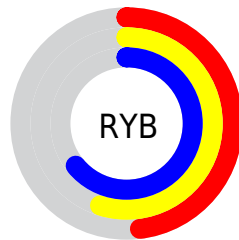
# Distribution



Red (48%)

Green (59%)

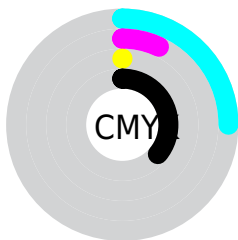
Blue (64%)



Red (48%)

Yellow (55%)

Blue (64%)

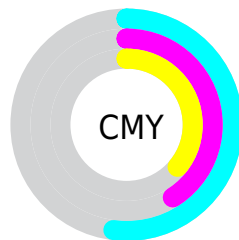


Cyan (25%)

Magenta (7%)

Yellow (0%)

Black (36%)



Cyan (52%)

Magenta (41%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A97A2 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 7A97A2 by changing the saturation by 10% instead.



 7A97A2

 7A97A2

FFFFFF

 617D88

 AFCDD9

 48646E

 CBE9F5

 304C56

 E7FFFF

 19363F

 022029

 000615

 000000

 7A97A2

 7A97A2

 6A93A2

 8A9BA2

■ 5A8EA2

■ 9AA0A2

■ 498AA2

■ ABA4A2

■ 3985A2

■ BBA9A2

■ 2981A2

■ CBADA2

■ 197CA2

■ DBB2A2

■ 0978A2

■ EBB6A2

■ 0075A2

■ FCBBA2

■ FFBFA2

# Harmonies

## Analogous

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



789899



7A97A2



8394A7

# Triad

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



7A97A2



A68C96



93947F

# Complementary

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



7A97A2



A2857A

# 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.



9E907E



7A97A2



A98B8B

# Square

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



7A97A2



9D8EA0



A68D83



879785

# Rectangle

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



7A97A2



8C92A7



A68D83



97937E



# Sweetspot

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



7A97A2



C5D0D4



7AA285



63696B



EBEBEB



6B6B6B



# Same Dimension

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



7A97A2



94C2D4



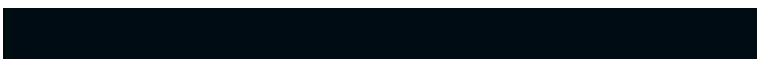
7A83A2



494F52



006991



000D12



# Inverse Universe

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



A27A97



D494C2



A2997A



52494F



910069



12000D



# Previews

## White Background



This preview shows how the Hex color 7A97A2 looks on a white background.

## Color Contrast Check

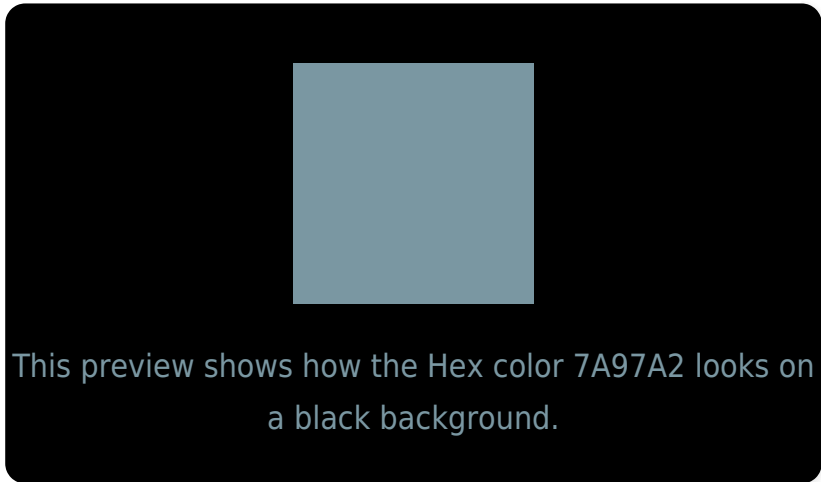
Large Text (above 18pt) WCAG AA ✓ Pass

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

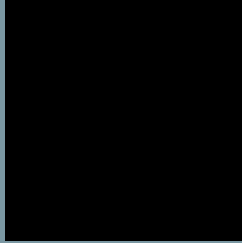
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

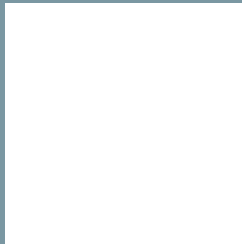
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7A97A2 Background



This preview shows how black text looks on a background with the Hex color 7A97A2.

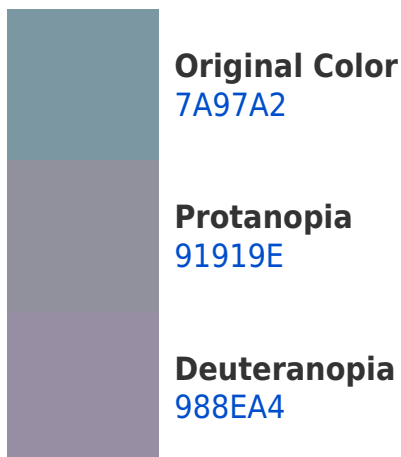


This preview shows how white text looks on a background with the Hex color 7A97A2.

# 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](#).

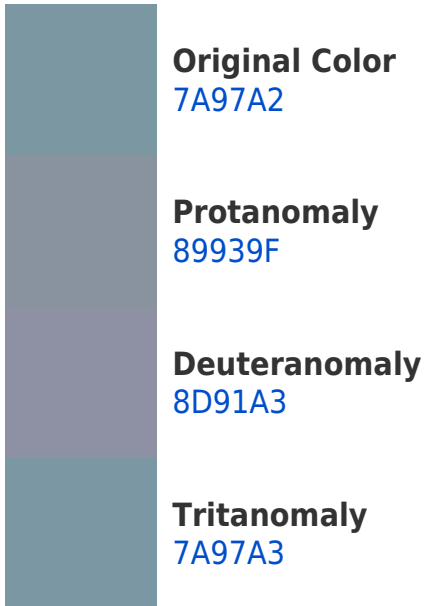
## Dichromacy



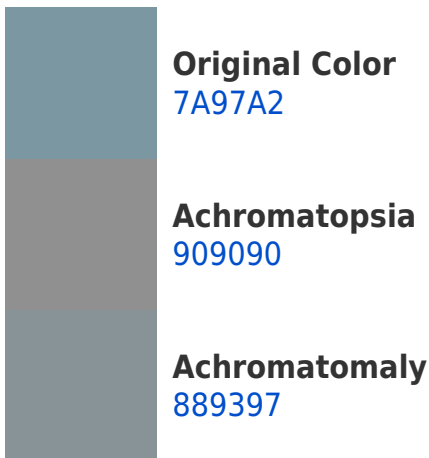


**Tritanopia**  
7A97A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A97A2 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 #7A97A2 looks like.

```
.text, #text, p{  
    color:#7A97A2  
}
```

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 #7A97A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A97A2
}
```

## Border

The CSS property to change the border of an element to Hex 7A97A2 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
#7A97A2 }
```

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

```
.border{ border-color:#7A97A2 }
```

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

Here you see how a box with a 4 pixel #7A97A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A97A2; -webkit-box-shadow:4px 4px  
4px 4px #7A97A2; box-shadow:4px 4px 4px  
4px #7A97A2 }
```

# Background

The CSS property to change the background color of an element to Hex 7A97A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A97A2 }
```

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

```
.background{ background-color:#7A97A2 }
```

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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