

# Converting Colors

Hex(7C92A8)

Have a look what the booklet for  
Hex(7C92A8) contains.

<b>Hex(7C92A8)</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(7C92A8)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C92A8
RGB	124, 146, 168
RGB Percent	49%, 57%, 66%
CMY	0.5137, 0.4275, 0.3412
CMYK	0.26, 0.13, 0.00, 0.34
HSL	210°, 20%, 57%
HSV	210°, 26%, 66%
XYZ	25.6589, 27.6700, 41.0343
YIQ	141.9300, -20.1740, 2.1780

# Conversions

## Conversions Part 2

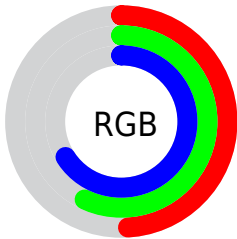
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 139, 168
Decimal	8164008
CIELab	59.59, -2.67, -14.14
CIELCh	60, 14.387, 259.316
Yxy	27.6700, 0.2719, 0.2932
Android (android.graphics.Color)	4286354088 (0xFF7C92A8)
YUV	141.9300, 12.8525, -15.7246
Hunter-Lab	52.6023, -4.9832, -9.4296

# Details

The Hex color **7C92A8** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **A8927C**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **B1C8DF**, and **4A6074** is the 20% darker color. If you saturate the color by 10%, you get **6B8AA8**, and if you desaturate by 10%, it is **8D9AA8**.

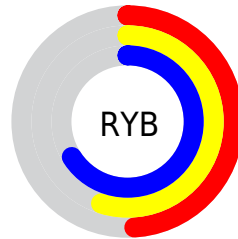
# Distribution



Red (49%)

Green (57%)

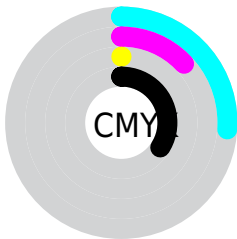
Blue (66%)



Red (49%)

Yellow (55%)

Blue (66%)

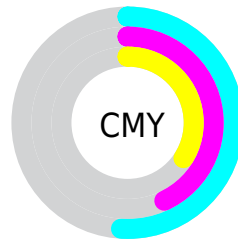


Cyan (26%)

Magenta (13%)

Yellow (0%)

Black (34%)



Cyan (51%)

Magenta (43%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C92A8 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 7C92A8 by changing the saturation by 10% instead.



■ 7C92A8

■ 7C92A8

FFFFFF

■ 63788E

■ B1C8DF

■ 4A6074

■ CDE4FC

■ 32485B

■ E9FFFF

■ 1B3244

■ 031D2E

■ 000119

■ 000000

■ 7C92A8

■ 7C92A8

■ 6B8AA8

■ 8D9AA8

■ 5A81A8

■ 9EA3A8

■ 4A79A8

■ AEABA8

■ 3970A8

■ BFB4A8

■ 2868A8

■ D0BCA8

■ 1760A8

■ E1C4A8

■ 0657A8

■ F2CDA8

■ 0054A8

■ FFD5A8

■ FFDEA8

# Harmonies

## Analogous

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



7195A2



7C92A8



8C8EA7

# Triad

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



7C92A8



AA8788



82957F

# Complementary

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



7C92A8



A8927C

# 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.



919178



7C92A8



A7897D

# Square

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



7C92A8



A68795



9E8D77



76978A

# Rectangle

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



7C92A8



978BA3



9E8D77



87947C



# Sweetspot

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



7C92A8



CAD3DB



7CA892



63686E



EDEDED



6E6E6E



# Same Dimension

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



7C92A8



97B9DB



7C7CA8



4C5054



004A94



000A14



# Inverse Universe

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



A87C92



DB97B9



A8A87C



544C50



94004A

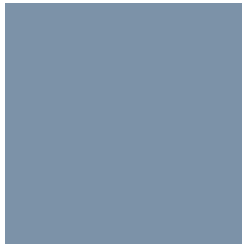


14000A



# Previews

## White Background



This preview shows how the Hex color 7C92A8 looks on a white background.

## Color Contrast Check

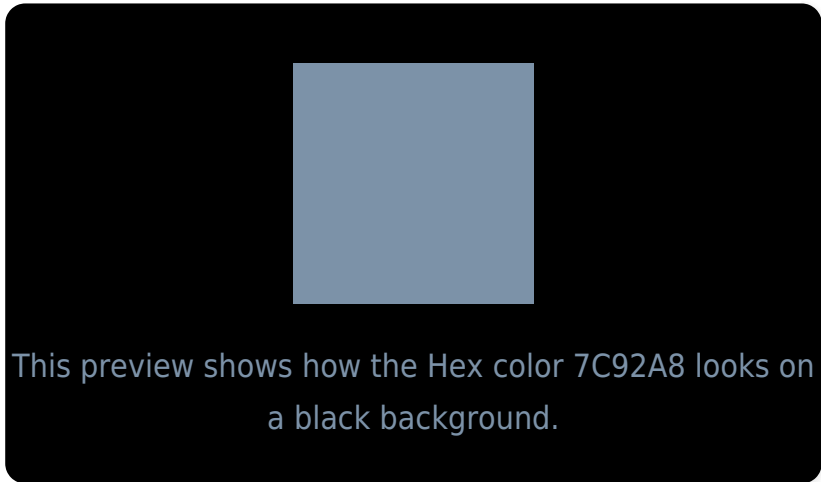
Large Text (above 18pt) WCAG AA ✓ Pass

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

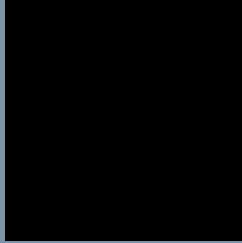
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

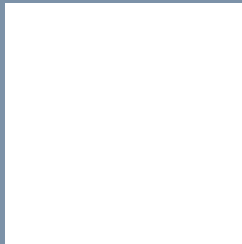
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7C92A8 Background



This preview shows how black text looks on a background with the Hex color 7C92A8.

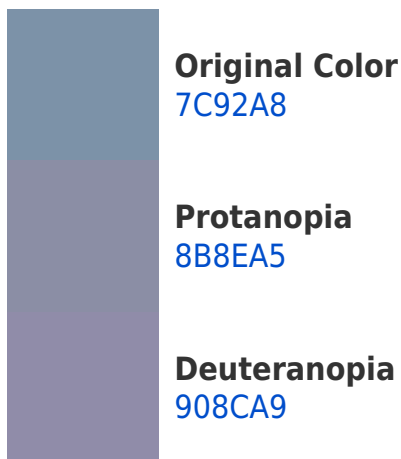



This preview shows how white text looks on a background with the Hex color 7C92A8.

# 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**  
7A939F

# Trichromacy



**Original Color**  
7C92A8

**Protanomaly**  
868FA6

**Deuteranomaly**  
898EA9

**Tritanomaly**  
7B93A2

# Monochromacy



**Original Color**  
7C92A8

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
878F97

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C92A8 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 #7C92A8 looks like.

```
.text, #text, p{  
    color:#7C92A8  
}
```

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 #7C92A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C92A8
}
```

## Border

The CSS property to change the border of an element to Hex 7C92A8 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
#7C92A8 }
```

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

```
.border{ border-color:#7C92A8 }
```

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

Here you see how a box with a 4 pixel #7C92A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C92A8; -webkit-box-shadow:4px 4px  
4px 4px #7C92A8; box-shadow:4px 4px 4px  
4px #7C92A8 }
```

# Background

The CSS property to change the background color of an element to Hex 7C92A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C92A8 }
```

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

```
.background{ background-color:#7C92A8 }
```

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