

# Converting Colors

Hex(7A8C8A)

Have a look what the booklet for  
Hex(7A8C8A) contains.

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# Color

Hex(7A8C8A)

# Conversions

## Conversions Part 1

Format	Color
Hex	7A8C8A
RGB	122, 140, 138
RGB Percent	48%, 55%, 54%
CMY	0.5216, 0.4510, 0.4588
CMYK	0.13, 0.00, 0.01, 0.45
HSL	173°, 7%, 51%
HSV	173°, 13%, 55%
XYZ	21.9916, 24.7287, 27.6588
YIQ	134.3900, -10.0860, -4.4380

# Conversions

## Conversions Part 2

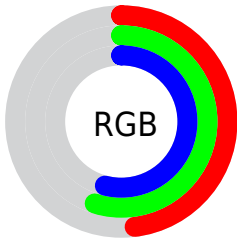
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 132, 140
Decimal	8031370
CIE <sub>Lab</sub>	56.81, -6.88, -1.13
CIE <sub>LCh</sub>	57, 6.973, 189.323
Yxy	24.7287, 0.2957, 0.3325
Android (android.graphics.Color)	4286221450 (0xFF7A8C8A)
YUV	134.3900, 1.7797, -10.8660
Hunter-Lab	49.7280, -8.0846, 1.8324

# Details

The Hex color `7A8C8A` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `8C7A7C`, and the grayscale version is `868686`.

A 20% lighter version of the original color is `AFC2BF`, and `495A58` is the 20% darker color. If you saturate the color by 10%, you get `6C8C88`, and if you desaturate by 10%, it is `888C8C`.

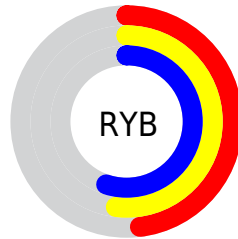
# Distribution



Red (48%)

Green (55%)

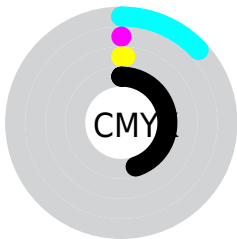
Blue (54%)



Red (48%)

Yellow (52%)

Blue (55%)

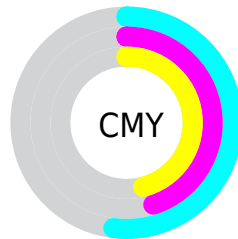


Cyan (13%)

Magenta (0%)

Yellow (1%)

Black (45%)



Cyan (52%)

Magenta (45%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A8C8A 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 7A8C8A by changing the saturation by 10% instead.



■ 7A8C8A

■ 7A8C8A

FFFFFF

■ 617371

■ AFC2BF

■ 495A58

■ CADDDDB

■ 324341

■ E6FAF8

■ 1D2C2B

■ 061816

■ 000000

■ 7A8C8A

■ 7A8C8A

■ 6C8C88

■ 888C8C

■ 5E8C87

■ 968C8D

508C85

A48C8F

428C84

B28C90

348C82

C08C92

268C81

CE8C93

188C7F

DC8C95

0A8C7E

EA8C96

008C7C

F88C98

# Harmonies

## Analogous

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



7E8C84



7A8C8A



7A8B90

# Triad

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



7A8C8A



8C8692



91867D

# Complementary

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



7A8C8A



8C7A7C

# 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.



958581



7A8C8A



92858D

# Square

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



7A8C8A



848894



958487



8B887C

# Rectangle

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



7A8C8A



7C8B92



958487



93867E



# Sweetspot

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



7A8C8A



AEB5B4



7C8C7A



575C5B



DBDBDB



5C5C5C



# Same Dimension

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



7A8C8A



9AB5B2



7A858C



3E4544



008576



000505



# Inverse Universe

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



8C7A7C



B59A9D



8C817A



453E3F



85000F



050001



# Previews

## White Background



This preview shows how the Hex color 7A8C8A looks on a white background.

## Color Contrast Check

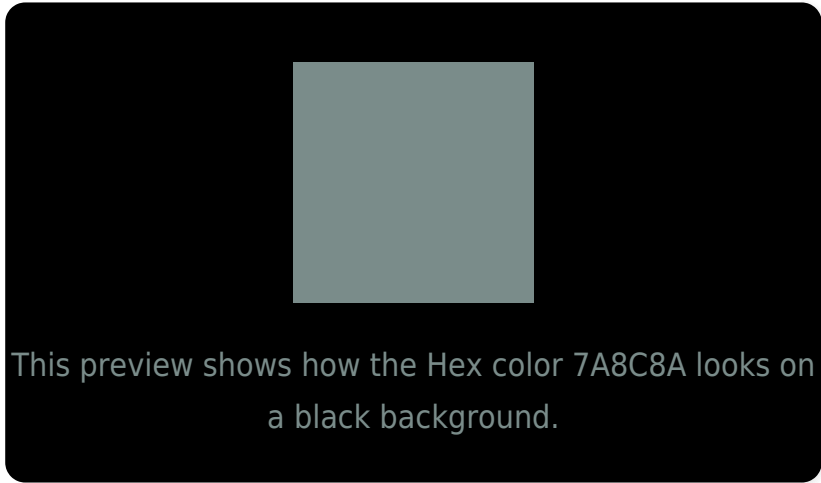
Large Text (above 18pt) WCAG AA ✓ Pass

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

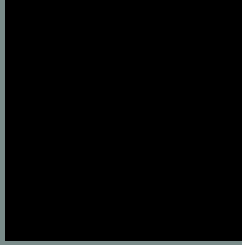
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

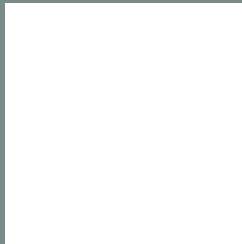
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7A8C8A Background



This preview shows how black text looks on a background with the Hex color 7A8C8A.

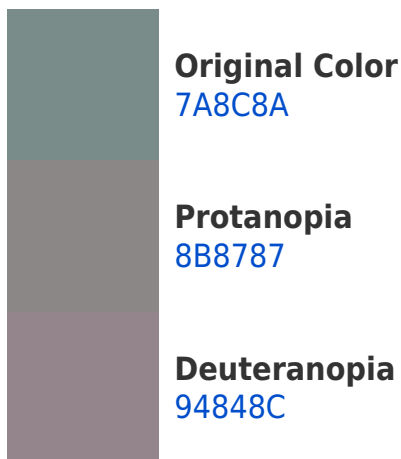


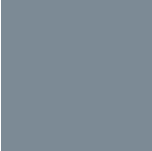
This preview shows how white text looks on a background with the Hex color 7A8C8A.

# 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](#).

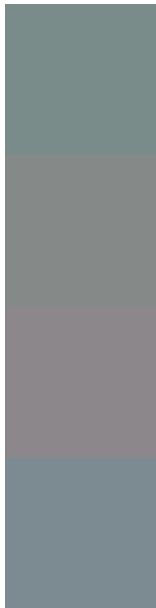
## Dichromacy





**Tritanopia**  
7C8A95

# Trichromacy



**Original Color**

7A8C8A

**Protanomaly**

858988

**Deuteranomaly**

8B878B

**Tritanomaly**

7B8B91

# Monochromacy



**Original Color**

7A8C8A

**Achromatopsia**

868686

**Achromatomaly**

828887

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A8C8A 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 #7A8C8A looks like.

```
.text, #text, p{  
    color:#7A8C8A  
}
```

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 #7A8C8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A8C8A
}
```

## Border

The CSS property to change the border of an element to Hex 7A8C8A 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
#7A8C8A }
```

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

```
.border{ border-color:#7A8C8A }
```

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

Here you see how a box with a 4 pixel #7A8C8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A8C8A; -webkit-box-shadow:4px 4px  
4px 4px #7A8C8A; box-shadow:4px 4px 4px  
4px #7A8C8A }
```

# Background

The CSS property to change the background color of an element to Hex 7A8C8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A8C8A }
```

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

```
.background{ background-color:#7A8C8A }
```

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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