

# Converting Colors

Hex(78808A)

Have a look what the booklet for  
Hex(78808A) contains.

<b>Hex(78808A)</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(78808A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	78808A
RGB	120, 128, 138
RGB Percent	47%, 50%, 54%
CMY	0.5294, 0.4980, 0.4588
CMYK	0.13, 0.07, 0.00, 0.46
HSL	213°, 7%, 51%
HSV	213°, 13%, 54%
XYZ	20.0523, 21.2664, 27.0927
YIQ	126.7480, -7.9780, 1.4140

# Conversions

## Conversions Part 2

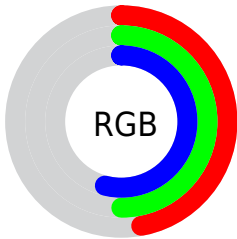
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 126, 138
Decimal	7897226
CIE <sub>Lab</sub>	53.24, -0.79, -6.42
CIE <sub>LCh</sub>	53, 6.464, 262.952
Yxy	21.2664, 0.2931, 0.3109
Android (android.graphics.Color)	4286087306 (0xFF78808A)
YUV	126.7480, 5.5472, -5.9180
Hunter-Lab	46.1155, -3.0852, -2.5518

# Details

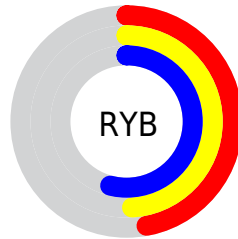
The Hex color **78808A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8A8278**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **ACB5BF**, and **474F58** is the 20% darker color. If you saturate the color by 10%, you get **6A788A**, and if you desaturate by 10%, it is **86888A**.

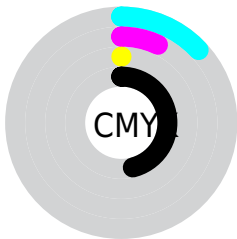
# Distribution



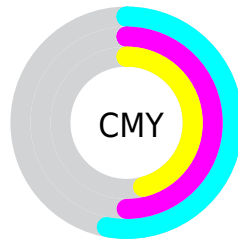
- Red (47%)
- Green (50%)
- Blue (54%)



- Red (47%)
- Yellow (49%)
- Blue (54%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (46%)



- Cyan (53%)
- Magenta (50%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78808A 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 78808A by changing the saturation by 10% instead.





78808A



78808A

FFFFFF



5F6771



ACB5BF



474F58



C8D0DB



313841



E4EDF8



1C232B



020D17



000000



78808A



78808A



6A788A



86888A



5C718A



948F8A

■ 4F698A

■ A1978A

■ 41618A

■ AF9F8A

■ 335A8A

■ BDA68A

■ 25528A

■ CBAE8A

■ 174A8A

■ D9B68A

■ 0A438A

■ E6BD8A

■ 003D8A

■ F4C58A

# Harmonies

## Analogous

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



738288



78808A



7F7E89

# Triad

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



78808A



8B7C7B



798278

# Complementary

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



78808A



8A8278

# 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.



7F8075



78808A



8A7D76

# Square

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



78808A



8A7C81



857E74



74827E

# Rectangle

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



78808A



837D87



857E74



7B8177



# Sweetspot

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



78808A



ABAFB3



788A82



555759



D9D9D9



595959



# Same Dimension

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



78808A



96A3B3



79788A



3E4145



003B85



000205



# Inverse Universe

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



8A7880



B396A3



898A78



453E41



85003B



050002



# Previews

## White Background



This preview shows how the Hex color 78808A looks on a white background.

## Color Contrast Check

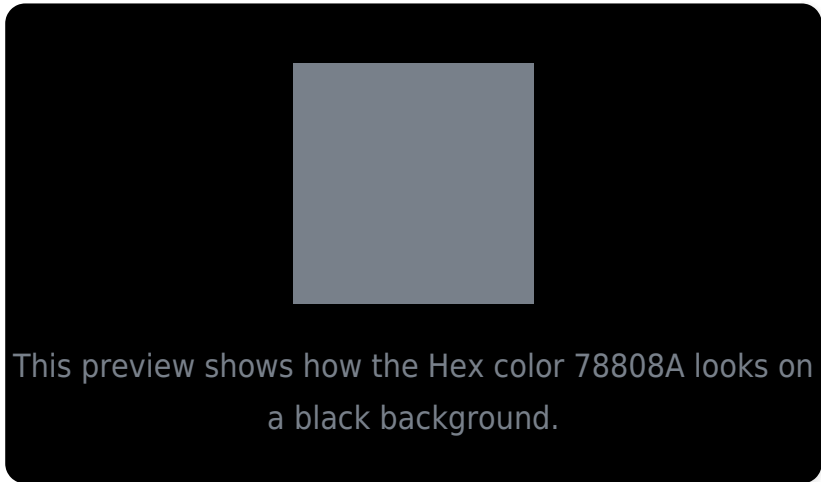
Large Text (above 18pt) WCAG AA ✓ Pass

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

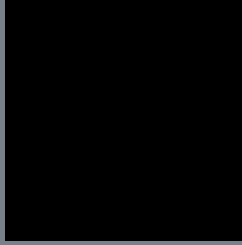
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

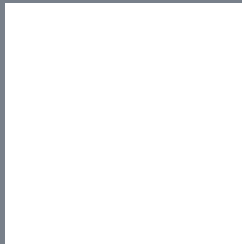
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 78808A Background



This preview shows how black text looks on a background with the Hex color 78808A.

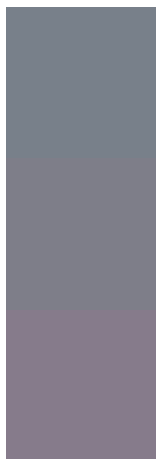


This preview shows how white text looks on a background with the Hex color 78808A.

# 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



**Original Color**

78808A

**Protanopia**

7E7E89

**Deuteranopia**

867B8B



**Tritanopia**  
78808A

# Trichromacy



**Original Color**  
78808A

**Protanomaly**  
7C7F89

**Deuteranomaly**  
817D8B

**Tritanomaly**  
78808A

# Monochromacy



**Original Color**  
78808A

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
7C7F83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78808A 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 #78808A looks like.

```
.text, #text, p{  
    color:#78808A  
}
```

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 #78808A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78808A
}
```

## Border

The CSS property to change the border of an element to Hex 78808A 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
#78808A }
```

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

```
.border{ border-color:#78808A }
```

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

Here you see how a box with a 4 pixel #78808A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78808A; -webkit-box-shadow:4px 4px  
4px 4px #78808A; box-shadow:4px 4px 4px  
4px #78808A }
```

# Background

The CSS property to change the background color of an element to Hex 78808A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78808A }
```

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

```
.background{ background-color:#78808A }
```

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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