

# Converting Colors

Hex(788C8E)

Have a look what the booklet for  
Hex(788C8E) contains.

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# Color

Hex(788C8E)

# Conversions

## Conversions Part 1

Format	Color
Hex	788C8E
RGB	120, 140, 142
RGB Percent	47%, 55%, 56%
CMY	0.5294, 0.4510, 0.4431
CMYK	0.15, 0.01, 0.00, 0.44
HSL	185°, 9%, 51%
HSV	185°, 15%, 56%
XYZ	22.0063, 24.7022, 29.1993
YIQ	134.2480, -12.5620, -3.6180

# Conversions

## Conversions Part 2

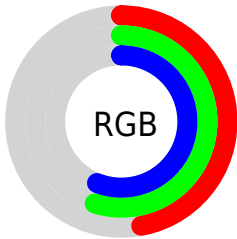
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 130, 142
Decimal	7900302
CIE Lab	56.78, -6.70, -3.48
CIE LCh	57, 7.552, 207.472
Yxy	24.7022, 0.2899, 0.3254
Android (android.graphics.Color)	4286090382 (0xFF788C8E)
YUV	134.2480, 3.8217, -12.4955
Hunter-Lab	49.7013, -7.9428, -0.0417

# Details

The Hex color **788C8E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8E7A78**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **ADC2C4**, and **475A5C** is the 20% darker color. If you saturate the color by 10%, you get **6A8B8E**, and if you desaturate by 10%, it is **868D8E**.

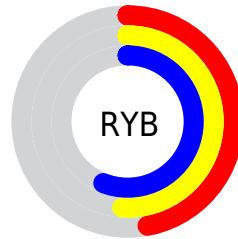
# Distribution



Red (47%)

Green (55%)

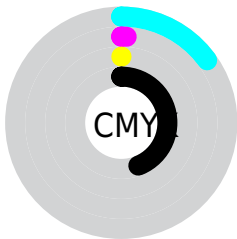
Blue (56%)



Red (47%)

Yellow (51%)

Blue (56%)

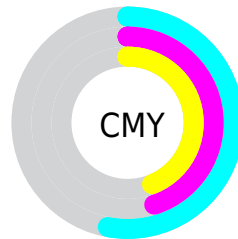


Cyan (15%)

Magenta (1%)

Yellow (0%)

Black (44%)



Cyan (53%)

Magenta (45%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 788C8E 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 788C8E by changing the saturation by 10% instead.





788C8E



788C8E

FFFFFF



5F7374



ADC2C4



475A5C



C8DDE0



304344



E4FAFC



1B2C2E



03181A



000000



788C8E



788C8E



6A8B8E



868D8E



5C898E



948F8E

4D888E

A3908E

3F878E

B1918E

31868E

BF928E

23848E

CD948E

15838E

DB958E

06828E

EA968E

00818E

F8988E

# Harmonies

## Analogous

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



7A8C87



788C8E



7B8B93

# Triad

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



788C8E



90858F



8E887B

# Complementary

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



788C8E



8E7A78

# 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.



94867D



788C8E



958489

# Square

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



788C8E



898794



978482



878A7D

# Rectangle

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



788C8E



7E8A95



978482



91877C



# Sweetspot

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



788C8E



AEB7B8



788E7A



565B5C



DBDBDB



5C5C5C



# Same Dimension

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



788C8E



95B4B8



78818E



404747



007B87



000708



# Inverse Universe

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



8E788C



B895B4



8E8578



474047



87007B



080007



# Previews

## White Background



This preview shows how the Hex color 788C8E looks on a white background.

## Color Contrast Check

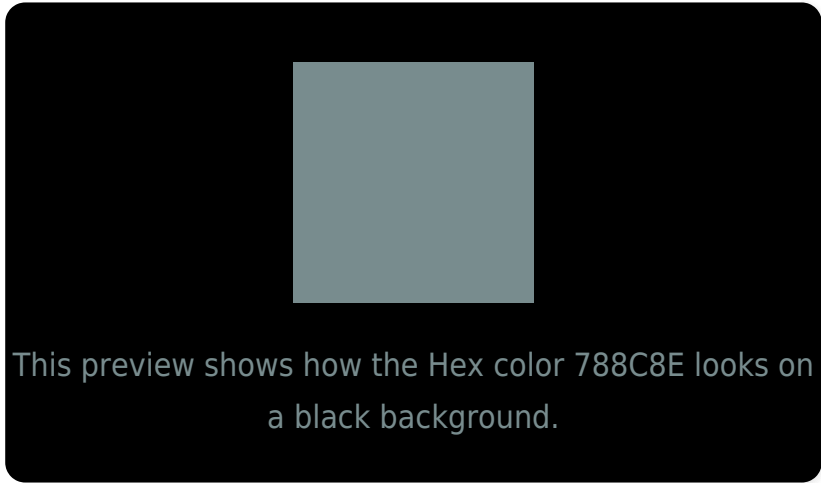
Large Text (above 18pt) WCAG AA ✓ Pass

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

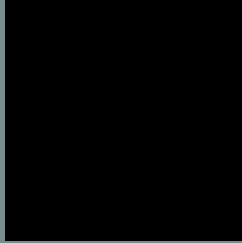
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

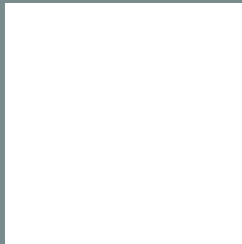
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 788C8E Background



This preview shows how black text looks on a background with the Hex color 788C8E.



This preview shows how white text looks on a background with the Hex color 788C8E.

# 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**  
788C8E

**Protanopia**  
89878B

**Deuteranopia**  
928490



**Tritanopia**  
798B96

# Trichromacy



**Original Color**  
78C8E

**Protanomaly**  
83898C

**Deuteranomaly**  
89878F

**Tritanomaly**  
798B93

# Monochromacy



**Original Color**  
78C8E

**Achromatopsia**  
868686

**Achromatomaly**  
818889

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 788C8E 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 #788C8E looks like.

```
.text, #text, p{  
    color:#788C8E  
}
```

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 #788C8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #788C8E
}
```

## Border

The CSS property to change the border of an element to Hex 788C8E 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
#788C8E }
```

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

```
.border{ border-color:#788C8E }
```

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

Here you see how a box with a 4 pixel #788C8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #788C8E; -webkit-box-shadow:4px 4px  
4px 4px #788C8E; box-shadow:4px 4px 4px  
4px #788C8E }
```

# Background

The CSS property to change the background color of an element to Hex 788C8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#788C8E }
```

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

```
.background{ background-color:#788C8E }
```

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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