

# Converting Colors

Hex(778D8E)

Have a look what the booklet for  
Hex(778D8E) contains.

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# Color

Hex(778D8E)

# Conversions

## Conversions Part 1

Format	Color
Hex	778D8E
RGB	119, 141, 142
RGB Percent	47%, 55%, 56%
CMY	0.5333, 0.4471, 0.4431
CMYK	0.16, 0.01, 0.00, 0.44
HSL	183°, 9%, 51%
HSV	183°, 16%, 56%
XYZ	22.0151, 24.9247, 29.2418
YIQ	134.5360, -13.4330, -4.3530

# Conversions

## Conversions Part 2

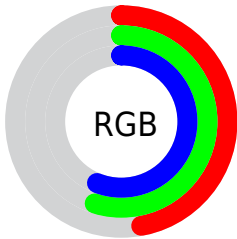
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 130, 142
Decimal	7835022
CIE <sub>Lab</sub>	57.00, -7.60, -3.17
CIE <sub>LCh</sub>	57, 8.233, 202.650
Yxy	24.9247, 0.2890, 0.3272
Android (android.graphics.Color)	4286025102 (0xFF778D8E)
YUV	134.5360, 3.6798, -13.6251
Hunter-Lab	49.9246, -8.6555, 0.2200

# Details

The Hex color **778D8E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8E7877**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **ABC3C4**, and **465B5C** is the 20% darker color. If you saturate the color by 10%, you get **698C8E**, and if you desaturate by 10%, it is **858E8E**.

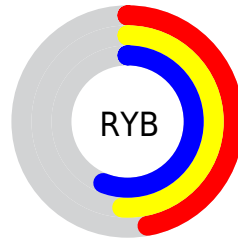
# Distribution



Red (47%)

Green (55%)

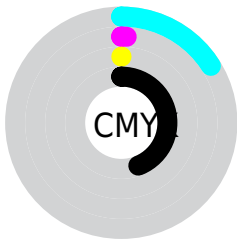
Blue (56%)



Red (47%)

Yellow (51%)

Blue (56%)

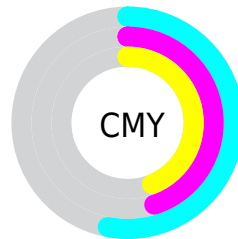


Cyan (16%)

Magenta (1%)

Yellow (0%)

Black (44%)



Cyan (53%)

Magenta (45%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 778D8E 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 778D8E by changing the saturation by 10% instead.



■ 778D8E

■ 778D8E

FFFFFF

■ 5E7374

■ ABC3C4

■ 465B5C

■ C7DFE0

■ 2F4344

■ E3FBFC

■ 1A2D2E

■ 02191A

■ 000000

■ 778D8E

■ 778D8E

■ 698C8E

■ 858E8E

■ 5B8C8E

■ 938E8E

4C8B8E

A28F8E

3E8B8E

B08F8E

308A8E

BE908E

22898E

CC918E

14898E

DA918E

05888E

E9928E

00888E

F7938E

# Harmonies

## Analogous

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



7A8D87



778D8E



798C94

# Triad

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



778D8E



918592



91887B

# Complementary

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



778D8E



8E7877

# 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.



96867E



778D8E



96848B

# Square

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



778D8E



888896



988484



898A7C

# Rectangle

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



778D8E



7D8B96



988484



93877B



# Sweetspot

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



778D8E



AEB7B8



778E78



565C5C



DBDBDB



5C5C5C



# Same Dimension

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



778D8E



95B6B8



77828E



404747



008187



000708



# Inverse Universe

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



8E778D



B895B6



8E8377



474047



870081



080007



# Previews

## White Background



This preview shows how the Hex color 778D8E looks on a white background.

## Color Contrast Check

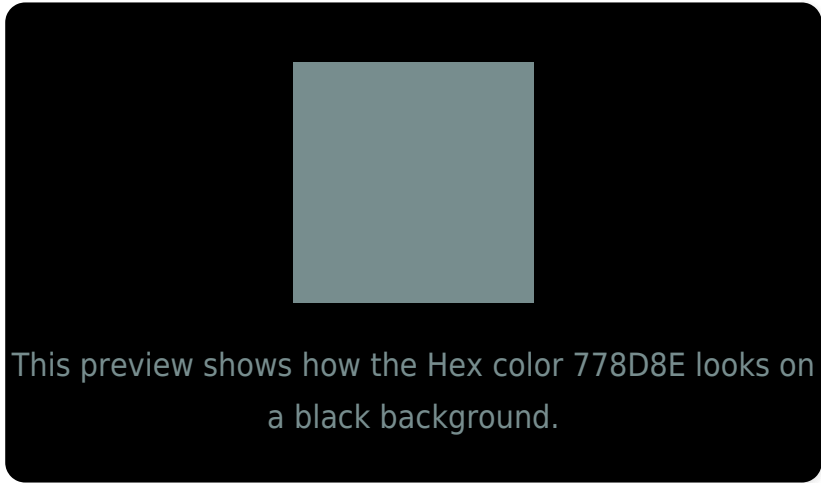
Large Text (above 18pt) WCAG AA ✓ Pass

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

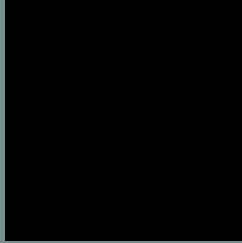
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

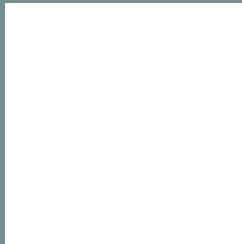
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 778D8E Background



This preview shows how black text looks on a background with the Hex color 778D8E.

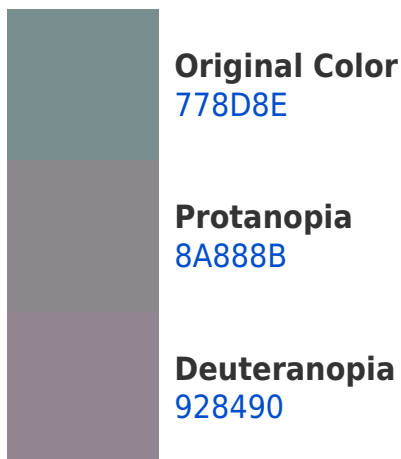


This preview shows how white text looks on a background with the Hex color 778D8E.

# 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](#).

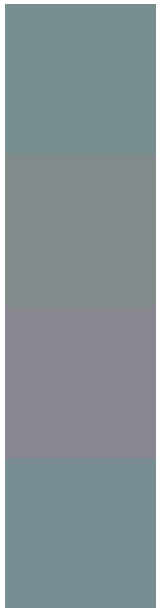
## Dichromacy





**Tritanopia**  
798C97

# Trichromacy



**Original Color**  
778D8E

**Protanomaly**  
838A8C

**Deuteranomaly**  
88878F

**Tritanomaly**  
788C94

# Monochromacy



**Original Color**  
778D8E

**Achromatopsia**  
878787

**Achromatomaly**  
81898A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 778D8E 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 #778D8E looks like.

```
.text, #text, p{  
    color:#778D8E  
}
```

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 #778D8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #778D8E
}
```

## Border

The CSS property to change the border of an element to Hex 778D8E 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
#778D8E }
```

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

```
.border{ border-color:#778D8E }
```

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

Here you see how a box with a 4 pixel #778D8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #778D8E; -webkit-box-shadow:4px 4px  
4px 4px #778D8E; box-shadow:4px 4px 4px  
4px #778D8E }
```

# Background

The CSS property to change the background color of an element to Hex 778D8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#778D8E }
```

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

```
.background{ background-color:#778D8E }
```

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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