

# Converting Colors

Hex(7E858C)

Have a look what the booklet for  
Hex(7E858C) contains.

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# Color

Hex(7E858C)

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 7E858C                    |
| RGB         | 126, 133, 140             |
| RGB Percent | 49%, 52%, 55%             |
| CMY         | 0.5059, 0.4784, 0.4510    |
| CMYK        | 0.10, 0.05, 0.00, 0.45    |
| HSL         | 210°, 6%, 52%             |
| HSV         | 210°, 10%, 55%            |
| XYZ         | 21.7253, 23.1041, 28.1254 |
| YIQ         | 131.7050, -6.4190, 0.6930 |

# Conversions

## Conversions Part 2

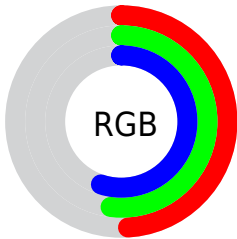
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 126, 131, 140                |
| Decimal                             | 8291724                      |
| CIE <sub>Lab</sub>                  | 55.18, -1.10, -4.65          |
| CIE <sub>LCh</sub>                  | 55, 4.777, 256.739           |
| Yxy                                 | 23.1041, 0.2978,<br>0.3167   |
| Android<br>(android.graphics.Color) | 4286481804<br>(0xFF7E858C)   |
| YUV                                 | 131.7050, 4.0894,<br>-5.0033 |
| Hunter-Lab                          | 48.0668, -3.4379,<br>-1.0458 |

# Details

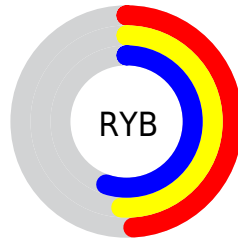
The Hex color **7E858C** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8C857E**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B3BAC2**, and **4D545A** is the 20% darker color. If you saturate the color by 10%, you get **707E8C**, and if you desaturate by 10%, it is **8C8C8C**.

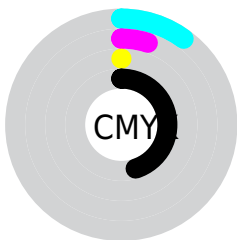
# Distribution



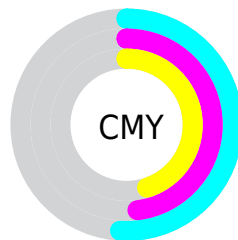
- Red (49%)
- Green (52%)
- Blue (55%)



- Red (49%)
- Yellow (51%)
- Blue (55%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (45%)



- Cyan (51%)
- Magenta (48%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E858C 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 7E858C by changing the saturation by 10% instead.





7E858C



7E858C

FFFFFF



656C73



B3BAC2



4D545A



CED6DD



363D43



EAF2FA



21272C



0B1218



000000



7E858C



7E858C



707E8C



8C8C8C



62778C



9A938C

■ 54708C

■ A89A8C

■ 46698C

■ B6A18C

■ 38628C

■ C4A88C

■ 2A5B8C

■ D2AF8C

■ 1C548C

■ E0B68C

■ 0E4D8C

■ EE8D8C

■ 00468C

■ FCC48C

# Harmonies

## Analogous

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



7B868A



7E858C



83848C

# Triad

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



7E858C



8D8182



80867E

# Complementary

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



7E858C



8C857E

# 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.



85857C



7E858C



8D827E

# Square

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



7E858C



8C8286



8A837C



7C8682

# Rectangle

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



7E858C



86838B



8A837C



82857D



# Sweetspot

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



7E858C



B0B2B5



7E8C85



585A5C



DBDBDB



5C5C5C



# Same Dimension

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



7E858C



9FAAB5



7E7E8C



3E4145



004285



000305



# Inverse Universe

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



8C7E85



B59FAA



8C8C7E



453E41



850042



050003



# Previews

## White Background



This preview shows how the Hex color 7E858C looks on a white background.

## Color Contrast Check

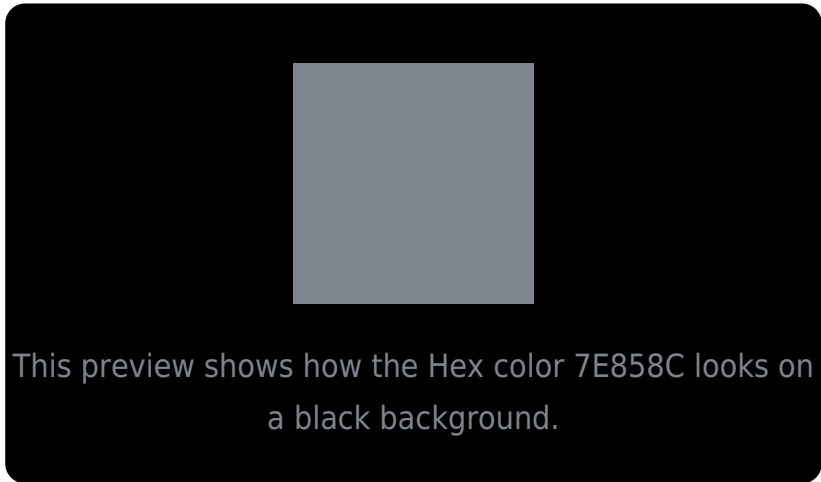
Large Text (above 18pt) WCAG AA ✓ Pass

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

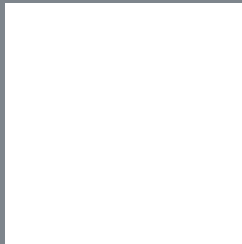
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7E858C Background



This preview shows how black text looks on a background with the Hex color 7E858C.



This preview shows how white text looks on a background with the Hex color 7E858C.

# 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**

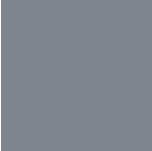
7E858C

**Protanopia**

84838B

**Deuteranopia**

8D808D



**Tritanopia**  
7F858F

# Trichromacy



**Original Color**  
7E58C

**Protanomaly**  
82848B

**Deuteranomaly**  
88828D

**Tritanomaly**  
7F858E

# Monochromacy



**Original Color**  
7E58C

**Achromatopsia**  
848484

**Achromatomaly**  
828487

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E858C 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 #7E858C looks like.

```
.text, #text, p{  
    color:#7E858C  
}
```

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 #7E858C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E858C
}
```

## Border

The CSS property to change the border of an element to Hex 7E858C is called "border". The border property can be set on classes, ids or directly on the HTML element.

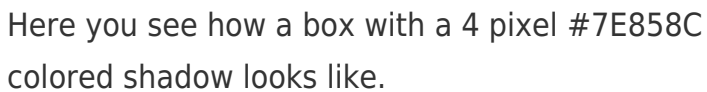
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E858C }
```

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

```
.border{ border-color:#7E858C }
```

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



Here you see how a box with a 4 pixel #7E858C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E858C; -webkit-box-shadow:4px 4px  
4px 4px #7E858C; box-shadow:4px 4px 4px  
4px #7E858C }
```

# Background

The CSS property to change the background color of an element to Hex 7E858C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E858C }
```

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

```
.background{ background-color:#7E858C }
```

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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