

Converting Colors

Hex(7E7F80)

Have a look what the booklet for
Hex(7E7F80) contains.

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Color

Hex(7E7F80)

Conversions

Conversions Part 1

Format	Color
Hex	7E7F80
RGB	126, 127, 128
RGB Percent	49%, 50%, 50%
CMY	0.5059, 0.5020, 0.4980
CMYK	0.02, 0.01, 0.00, 0.50
HSL	210°, 1%, 50%
HSV	210°, 2%, 50%
XYZ	20.0898, 21.1729, 23.4500
YIQ	126.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

Format	Color
R_{YB}	126, 127, 128
Decimal	8290176
CIE _{Lab}	53.14, -0.17, -0.68
CIE _{LCh}	53, 0.700, 255.978
Yxy	21.1729, 0.3104, 0.3272
Android (android.graphics.Color)	4286480256 (0xFF7E7F80)
YUV	126.8150, 0.5842, -0.7148
Hunter-Lab	46.0140, -2.5909, 1.9940

Details

The Hex color **7E7F80** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **807F7E**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B3B4B5**, and **4D4E4F** is the 20% darker color. If you saturate the color by 10%, you get **717980**, and if you desaturate by 10%, it is **8B8580**.

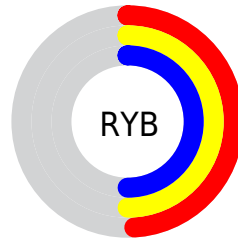
Distribution



Red (49%)

Green (50%)

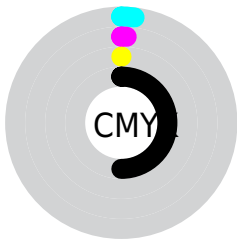
Blue (50%)



Red (49%)

Yellow (50%)

Blue (50%)



Cyan (2%)

Magenta (1%)

Yellow (0%)

Black (50%)



Cyan (51%)

Magenta (50%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E7F80 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 7E7F80 by changing the saturation by 10% instead.

■ 7E7F80

■ 7E7F80

FFFFFF

■ 656667

■ B3B4B5

■ 4D4E4F

■ CECFD0

■ 363738

■ EAEBED

■ 212223

■ 0A0C0D

■ 000000

■ 7E7F80

■ 7E7F80

■ 717980

■ 8B8580

■ 647280

■ 988C80

■ 586C80

■ A49280

■ 4B6580

■ B19980

■ 3E5F80

■ BE9F80

■ 315980

■ CBA580

■ 245280

■ D8AC80

■ 184C80

■ E4B280

■ 0B4580

■ F1B980

Harmonies

Analogous

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



7E7F80



7F7F80

Triad

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



7E7F80



807E7F



7E7F7E

Complementary

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



7E7F80



807F7E

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.



7F7F7E



7E7F80



807F7E

Square

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



7E7F80



807F7F



807F7E



7E7F7F

Rectangle

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



7E7F80



7F7F80



807F7E



7F7F7E

Sweetspot

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



7E7F80



A6A6A6



7E807F



545454



D4D4D4

Same Dimension

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



7E7F80



A2A4A6



7E7E80



3E3F40



004080



000000

Inverse Universe

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



807E7F



A6A2A4



80807E



403E3F



800040



000000

Previews

White Background



This preview shows how the Hex color 7E7F80 looks on a white background.

Color Contrast Check

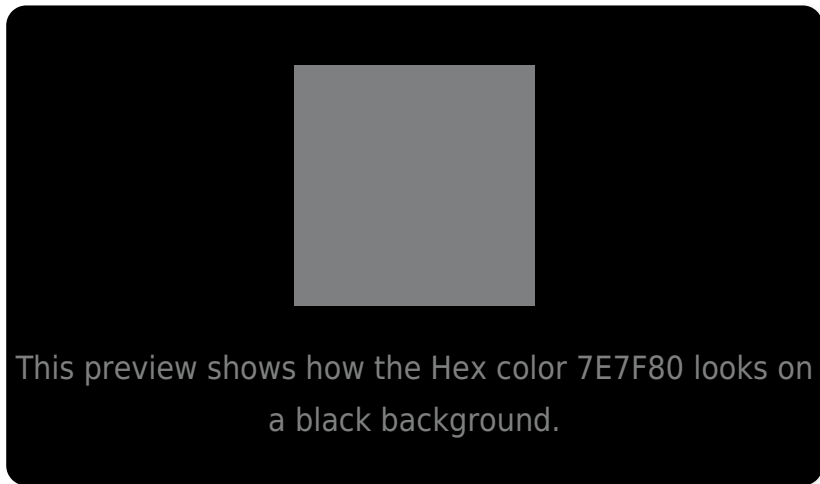
Large Text (above 18pt) WCAG AA ✓ Pass

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

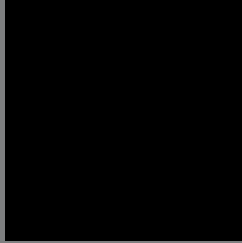
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

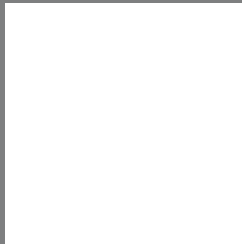
Any Text WCAG AAA × Fail

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

Hex 7E7F80 Background



This preview shows how black text looks on a background with the Hex color 7E7F80.



This preview shows how white text looks on a background with the Hex color 7E7F80.

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

7E7F80

Protanopia

817E80

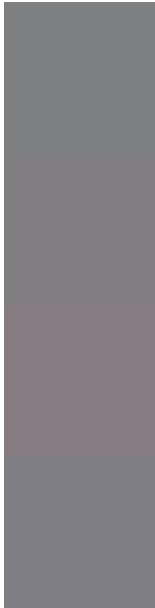
Deuteranopia

8A7B81



Tritanopia
7F7E88

Trichromacy



Original Color

7E7F80

Protanomaly

807E80

Deuteranomaly

867C81

Tritanomaly

7F7E85

Monochromacy



Original Color

7E7F80

Achromatopsia

7F7F7F

Achromatomaly

7F7F7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E7F80 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 #7E7F80 looks like.

```
.text, #text, p{  
    color:#7E7F80  
}
```

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 #7E7F80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E7F80
}
```

Border

The CSS property to change the border of an element to Hex 7E7F80 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
#7E7F80 }
```

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

```
.border{ border-color:#7E7F80 }
```

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

Here you see how a box with a 4 pixel #7E7F80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E7F80; -webkit-box-shadow:4px 4px  
4px 4px #7E7F80; box-shadow:4px 4px 4px  
4px #7E7F80 }
```

Background

The CSS property to change the background color of an element to Hex 7E7F80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E7F80 }
```

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

```
.background{ background-color:#7E7F80 }
```

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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