

Converting Colors

Hex(87798C)

Have a look what the booklet for
Hex(87798C) contains.

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Color

Hex(87798C)

Conversions

Conversions Part 1

Format	Color
Hex	87798C
RGB	135, 121, 140
RGB Percent	53%, 47%, 55%
CMY	0.4706, 0.5255, 0.4510
CMYK	0.04, 0.14, 0.00, 0.45
HSL	284°, 8%, 51%
HSV	284°, 14%, 55%
XYZ	21.5627, 20.7191, 27.6737
YIQ	127.3520, 2.2450, 8.8770

Conversions

Conversions Part 2

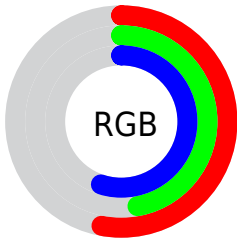
Format	Color
R_{YB}	135, 121, 140
Decimal	8878476
CIE Lab	52.64, 9.08, -8.34
CIE LCh	53, 12.331, 317.436
Yxy	20.7191, 0.3082, 0.2962
Android (android.graphics.Color)	4287068556 (0xFF87798C)
YUV	127.3520, 6.2355, 6.7073
Hunter-Lab	45.5182, 4.9012, -4.1837

Details

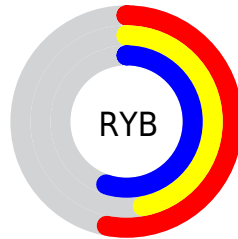
The Hex color **87798C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7E8C79**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **BCADC2**, and **55485A** is the 20% darker color. If you saturate the color by 10%, you get **836B8C**, and if you desaturate by 10%, it is **8B878C**.

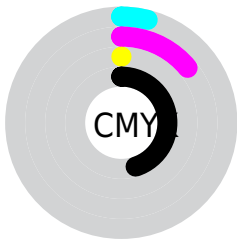
Distribution



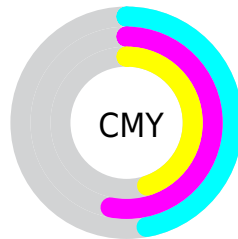
- Red (53%)
- Green (47%)
- Blue (55%)



- Red (53%)
- Yellow (47%)
- Blue (55%)



- Cyan (4%)
- Magenta (14%)
- Yellow (0%)
- Black (45%)



- Cyan (47%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87798C 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 87798C by changing the saturation by 10% instead.



87798C



87798C

FFFFFF



6E6072



BCADC2



55485A



D8C9DD



3E3243



F5E5FA



281D2C



140318



000000



87798C



87798C



836B8C



8B878C



805D8C



8E958C

7C4F8C

92A38C

78418C

96B18C

75338C

99BF8C

71258C

9DCD8C

6D178C

A1DB8C

6A098C

A4E98C

67008C

A8F78C

Harmonies

Analogous

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



7A7C92



87798C



907783

Triad

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



87798C



8A7B69



628484

Complementary

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



87798C



7E8C79

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.



698479



87798C



7F7F69

Square

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



87798C



92786E



73826F



64838D

Rectangle

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



87798C



94767B



73826F



648480

Sweetspot

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



87798C



B3AEB5



797E8C



5B575C



DBDBDB



5C5C5C

Same Dimension

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



87798C



AD98B5



8C7988



433E45



620085



040005

Inverse Universe

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



8C797E



B598A0



798C7D



453E40



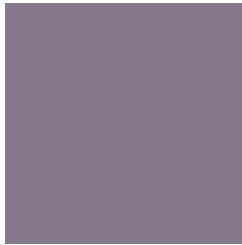
850023



050001

Previews

White Background



This preview shows how the Hex color 87798C looks on a white background.

Color Contrast Check

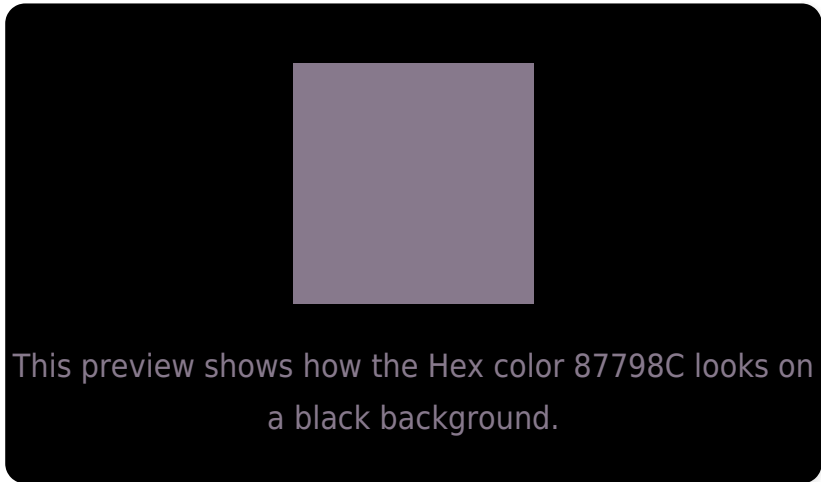
Large Text (above 18pt) WCAG AA ✓ Pass

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

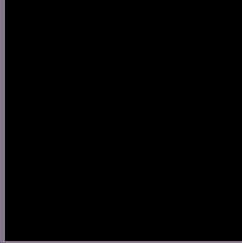
Any Text WCAG AA ✓ Pass

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 87798C Background



This preview shows how black text looks on a background with the Hex color 87798C.



This preview shows how white text looks on a background with the Hex color 87798C.

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
87798C

Protanopia
7B7D8E

Deuteranopia
837A8C



Tritanopia
867A84

Trichromacy



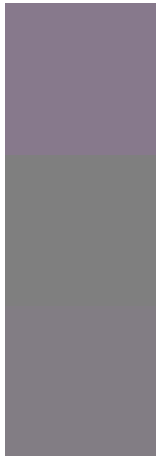
Original Color
87798C

Protanomaly
7F7C8D

Deuteranomaly
847A8C

Tritanomaly
867A87

Monochromacy



Original Color
87798C

Achromatopsia
7F7F7F

Achromatomaly
827D84

CSS Examples

Text

The CSS property to change the color of the text to Hex 87798C 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 #87798C looks like.

```
.text, #text, p{  
    color:#87798C  
}
```

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 #87798C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87798C
}
```

Border

The CSS property to change the border of an element to Hex 87798C is called "border". The border property can be set on classes, ids or directly on the HTML element.

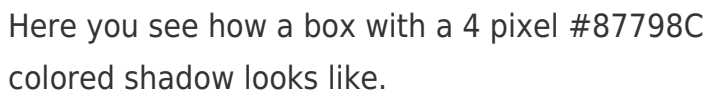
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87798C }
```

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

```
.border{ border-color:#87798C }
```

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



Here you see how a box with a 4 pixel #87798C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87798C; -webkit-box-shadow:4px 4px  
4px 4px #87798C; box-shadow:4px 4px 4px  
4px #87798C }
```

Background

The CSS property to change the background color of an element to Hex 87798C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87798C }
```

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

```
.background{ background-color:#87798C }
```

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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