

Converting Colors

Hex(807F80)

Have a look what the booklet for
Hex(807F80) contains.

Hex(807F80)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(807F80)

Conversions

Conversions Part 1

Format	Color
Hex	807F80
RGB	128, 127, 128
RGB Percent	50%, 50%, 50%
CMY	0.4980, 0.5020, 0.4980
CMYK	0.00, 0.01, 0.00, 0.50
HSL	300°, 0%, 50%
HSV	300°, 1%, 50%
XYZ	20.3877, 21.3265, 23.4639
YIQ	127.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

Format	Color
R_{YB}	128, 127, 128
Decimal	8421248
CIE Lab	53.30, 0.58, -0.42
CIE LCh	53, 0.711, 324.222
Yxy	21.3265, 0.3128, 0.3272
Android (android.graphics.Color)	4286611328 (0xFF807F80)
YUV	127.4130, 0.2894, 0.5148
Hunter-Lab	46.1806, -2.0120, 2.2017

Details

The Hex color **807F80** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7F807F**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B5B4B5**, and **4F4E4F** is the 20% darker color. If you saturate the color by 10%, you get **807280**, and if you desaturate by 10%, it is **808C80**.

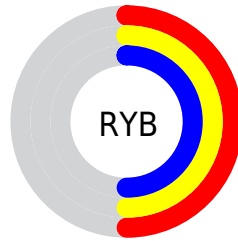
Distribution



Red (50%)

Green (50%)

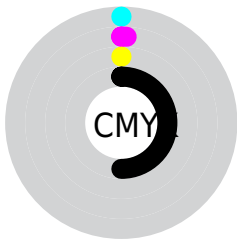
Blue (50%)



Red (50%)

Yellow (50%)

Blue (50%)

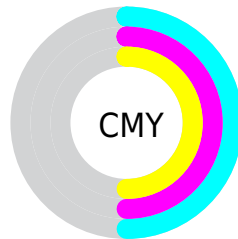


Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (50%)



Cyan (50%)

Magenta (50%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 807F80 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 807F80 by changing the saturation by 10% instead.



807F80



807F80

FFFFFF



676667



B5B4B5



4F4E4F



D0CFD0



383738



EDEBED



232223



0D0C0D



000000



807F80



807F80



807280



808C80



806580



809980

 805980

 80A580

 804C80

 80B280

 803F80

 80BF80

 803280

 80CC80

 802580

 80D980

 801980

 80E580

 800C80

 80F280

Harmonies

Analogous

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



7F7F80



807F80



817F7F

Triad

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



807F80



807F7E



7E8080

Complementary

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



807F80



7F807F

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.



7E807F



807F80



7F7F7E

Square

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



807F80



807F7E



7F807F



7E8080

Rectangle

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



807F80



817F7F



7F807F



7E8080

Sweetspot

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



807F80



A6A6A6



7F7F80



545454



D4D4D4

Same Dimension

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



807F80



A6A4A6



403F40



800080



000000

Inverse Universe

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



807F80



A6A4A6



7F8080



403F40



800080



000000

Previews

White Background



This preview shows how the Hex color 807F80 looks on a white background.

Color Contrast Check

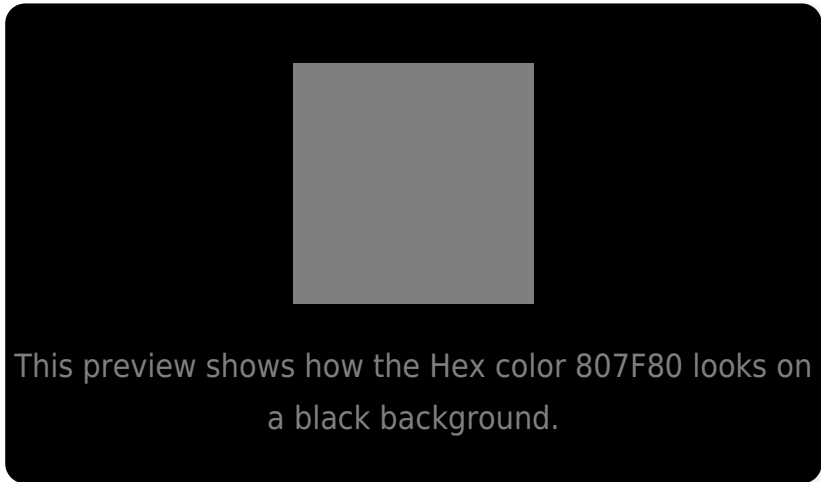
Large Text (above 18pt) WCAG AA ✓ Pass

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

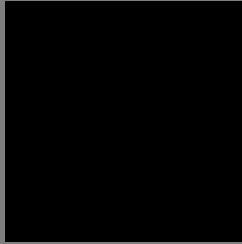
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

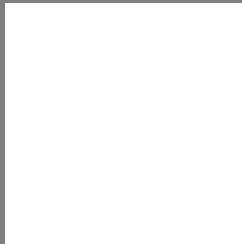
Any Text WCAG AAA × Fail

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

Hex 807F80 Background



This preview shows how black text looks on a background with the Hex color 807F80.



This preview shows how white text looks on a background with the Hex color 807F80.

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
807F80

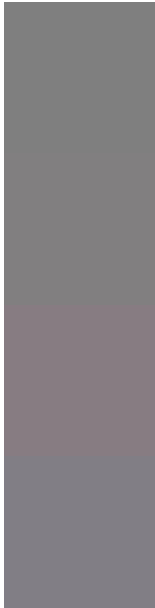
Protanopia
817F80

Deuteranopia
8B7B81



Tritanopia
817E88

Trichromacy



Original Color
807F80

Protanomaly
817F80

Deuteranomaly
877C81

Tritanomaly
817E85

Monochromacy



Original Color
807F80

Achromatopsia
7F7F7F

Achromatomaly
7F7F7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 807F80 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 #807F80 looks like.

```
.text, #text, p{  
    color:#807F80  
}
```

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 #807F80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #807F80
}
```

Border

The CSS property to change the border of an element to Hex 807F80 is called "border". The border property can be set on classes, ids or directly on the HTML element.

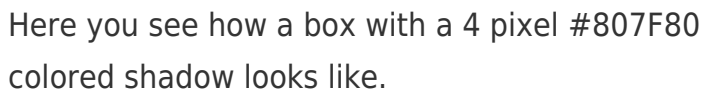
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#807F80 }
```

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

```
.border{ border-color:#807F80 }
```

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



Here you see how a box with a 4 pixel #807F80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #807F80; -webkit-box-shadow:4px 4px  
4px 4px #807F80; box-shadow:4px 4px 4px  
4px #807F80 }
```

Background

The CSS property to change the background color of an element to Hex 807F80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#807F80 }
```

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

```
.background{ background-color:#807F80 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor