

Converting Colors

Hex(807E80)

Have a look what the booklet for
Hex(807E80) contains.

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Color

Hex(807E80)

Conversions

Conversions Part 1

Format	Color
Hex	807E80
RGB	128, 126, 128
RGB Percent	50%, 49%, 50%
CMY	0.4980, 0.5059, 0.4980
CMYK	0.00, 0.02, 0.00, 0.50
HSL	300°, 1%, 50%
HSV	300°, 2%, 50%
XYZ	20.2592, 21.0694, 23.4211
YIQ	126.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

Format	Color
R_{YB}	128, 126, 128
Decimal	8420992
CIE Lab	53.03, 1.15, -0.82
CIE LCh	53, 1.416, 324.393
Yxy	21.0694, 0.3129, 0.3254
Android (android.graphics.Color)	4286611072 (0xFF807E80)
YUV	126.8260, 0.5788, 1.0296
Hunter-Lab	45.9014, -1.5441, 1.8784

Details

The Hex color **807E80** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7E807E**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B5B3B5**, and **4F4D4F** is the 20% darker color. If you saturate the color by 10%, you get **807180**, and if you desaturate by 10%, it is **808B80**.

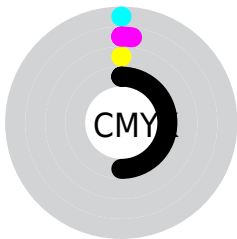
Distribution



- Red (50%)
- Green (49%)
- Blue (50%)



- Red (50%)
- Yellow (49%)
- Blue (50%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (50%)



- Cyan (50%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 807E80 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 807E80 by changing the saturation by 10% instead.

■ 807E80

■ 807E80

FFFFFF

■ 676567

■ B5B3B5

■ 4F4D4F

■ D0CED0

■ 383638

■ EDEAED

■ 232123

■ 0D0A0D

■ 000000

■ 807E80

■ 807E80

■ 807180

■ 808B80

■ 806480

■ 809880

 805880

 80A480

 804B80

 80B180

 803E80

 80BE80

 803180

 80CB80

 802480

 80D880

 801880

 80E480

 800B80

 80F180

Harmonies

Analogous

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



7F7E81



807E80



817E7F

Triad

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



807E80



807E7C



7C7F80

Complementary

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



807E80



7E807E

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.



7C7F7E



807E80



7F7F7C

Square

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



807E80



817E7D



7D7F7D



7C7F80

Rectangle

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



807E80



817E7E



7D7F7D



7C7F7F

Sweetspot

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



807E80



A6A6A6



7E7E80



545454



D4D4D4

Same Dimension

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



807E80



A6A2A6



807E7F



403E40



800080



000000

Inverse Universe

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



807E80



A6A2A6



7E807F



403E40



800080



000000

Previews

White Background



This preview shows how the Hex color 807E80 looks on a white background.

Color Contrast Check

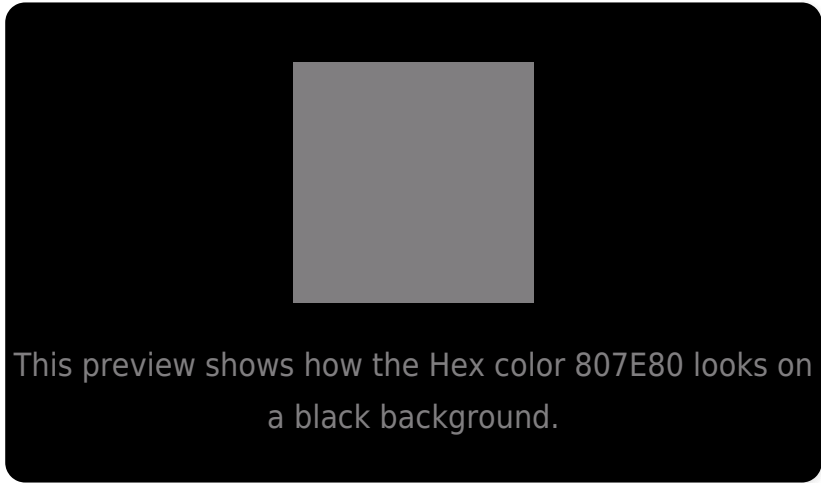
Large Text (above 18pt) WCAG AA ✓ Pass

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

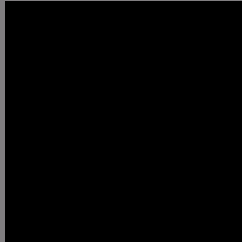
Any Text WCAG AA ✓ Pass

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 807E80 Background



This preview shows how black text looks on a background with the Hex color 807E80.



This preview shows how white text looks on a background with the Hex color 807E80.

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


807E80

Protanopia

807E80

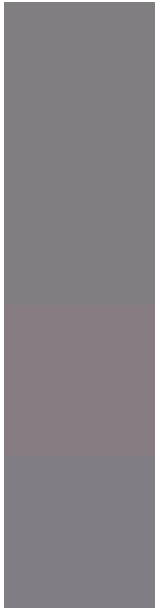
Deuteranopia

8A7B81



Tritanopia
817D87

Trichromacy



Original Color
807E80

Protanomaly
807E80

Deuteranomaly
867C81

Tritanomaly
817D84

Monochromacy



Original Color
807E80

Achromatopsia
7F7F7F

Achromatomaly
7F7F7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 807E80 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 #807E80 looks like.

```
.text, #text, p{  
    color:#807E80  
}
```

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 #807E80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #807E80
}
```

Border

The CSS property to change the border of an element to Hex 807E80 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
#807E80 }
```

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

```
.border{ border-color:#807E80 }
```

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

Here you see how a box with a 4 pixel #807E80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #807E80; -webkit-box-shadow:4px 4px  
4px 4px #807E80; box-shadow:4px 4px 4px  
4px #807E80 }
```

Background

The CSS property to change the background color of an element to Hex 807E80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#807E80 }
```

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

```
.background{ background-color:#807E80 }
```

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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