

Converting Colors

Hex(87817E)

Have a look what the booklet for
Hex(87817E) contains.

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Color

Hex(87817E)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 87817E |
| RGB | 135, 129, 126 |
| RGB Percent | 53%, 51%, 49% |
| CMY | 0.4706, 0.4941, 0.5059 |
| CMYK | 0.00, 0.04, 0.07, 0.47 |
| HSL | 20°, 4%, 51% |
| HSV | 20°, 7%, 53% |
| XYZ | 21.6078, 22.3578, 22.9153 |
| YIQ | 130.4520, 4.5390, 0.3390 |

Conversions

Conversions Part 2

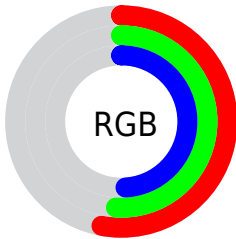
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 135, 131, 126 |
| Decimal | 8880510 |
| CIE Lab | 54.40, 1.69, 2.42 |
| CIE LCh | 54, 2.955, 55.066 |
| Yxy | 22.3578, 0.3231, 0.3343 |
| Android (android.graphics.Color) | 4287070590 (0xFF87817E) |
| YUV | 130.4520, -2.1948, 3.9886 |
| Hunter-Lab | 47.2840, -1.1761, 4.3650 |

Details

The Hex color **87817E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7E8487**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **BCB6B3**, and **55504D** is the 20% darker color. If you saturate the color by 10%, you get **877871**, and if you desaturate by 10%, it is **878A8C**.

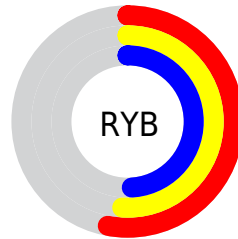
Distribution



Red (53%)

Green (51%)

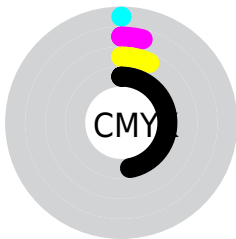
Blue (49%)



Red (53%)

Yellow (51%)

Blue (49%)

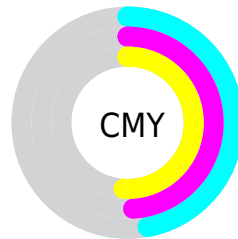


Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (47%)



Cyan (47%)

Magenta (49%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87817E 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 87817E by changing the saturation by 10% instead.



87817E



87817E

FFFFFF



6E6865



BCB6B3



55504D



D8D1CE



3E3936



F4EEEE



282421



140E0A



000000



87817E



87817E



877871



878A8C



876F63



879399

 876656

 879CA7

 875D48

 87A5B4

 87543B

 87AEC2

 874B2D

 87B7CF

 874220

 87C0DD

 873912

 87C9EA

 873005

 87D2F8

Harmonies

Analogous

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



888180



87817E



85827D

Triad

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



87817E



7D8482



828287

Complementary

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



87817E



7E8487

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.



7F8287



87817E



7C8484

Square

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



87817E



7F837F



7D8386



858185

Rectangle

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



87817E



83827D



7D8386



818287

Sweetspot

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



87817E



B0AEAC



877E84



595857



D9D9D9



595959

Same Dimension

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



87817E



B0A7A2



87857E



423E3C



822B00



030100

Inverse Universe

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



7E8487



A2ABB0



7E8087



3C4042



005782



000203

Previews

White Background



This preview shows how the Hex color 87817E looks on a white background.

Color Contrast Check

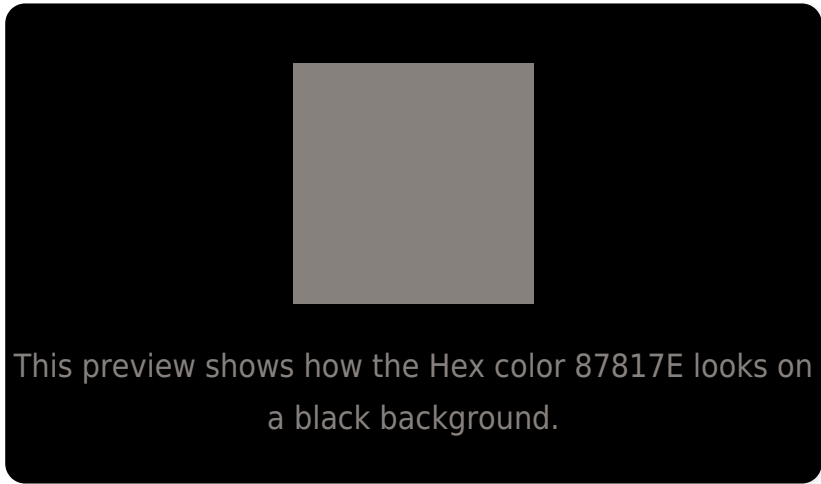
Large Text (above 18pt) WCAG AA ✓ Pass

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

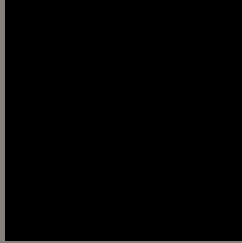
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

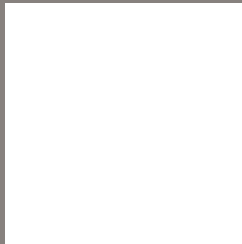
Any Text WCAG AAA × Fail

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

Hex 87817E Background



This preview shows how black text looks on a background with the Hex color 87817E.



This preview shows how white text looks on a background with the Hex color 87817E.

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
87817E

Protanopia
85827E

Deuteranopia
907E7F



Tritanopia
897F89

Trichromacy



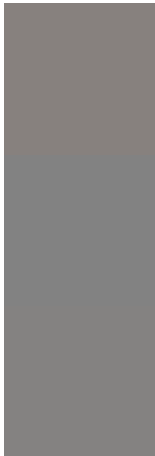
Original Color
87817E

Protanomaly
86827E

Deuteranomaly
8D7F7F

Tritanomaly
888085

Monochromacy



Original Color
87817E

Achromatopsia
828282

Achromatomaly
848281

CSS Examples

Text

The CSS property to change the color of the text to Hex 87817E 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 #87817E looks like.

```
.text, #text, p{  
    color:#87817E  
}
```

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 #87817E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87817E
}
```

Border

The CSS property to change the border of an element to Hex 87817E is called "border". The border property can be set on classes, ids or directly on the HTML element.

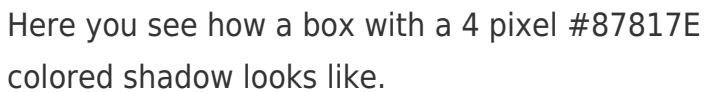
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87817E }
```

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

```
.border{ border-color:#87817E }
```

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



Here you see how a box with a 4 pixel #87817E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87817E; -webkit-box-shadow:4px 4px  
4px 4px #87817E; box-shadow:4px 4px 4px  
4px #87817E }
```

Background

The CSS property to change the background color of an element to Hex 87817E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87817E }
```

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

```
.background{ background-color:#87817E }
```

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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