

Converting Colors

Hex(81807F)

Have a look what the booklet for
Hex(81807F) contains.

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Color

Hex(81807F)

Conversions

Conversions Part 1

Format	Color
Hex	81807F
RGB	129, 128, 127
RGB Percent	51%, 50%, 50%
CMY	0.4941, 0.4980, 0.5020
CMYK	0.00, 0.01, 0.02, 0.49
HSL	30°, 1%, 50%
HSV	30°, 2%, 51%
XYZ	20.6032, 21.6378, 23.1693
YIQ	128.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

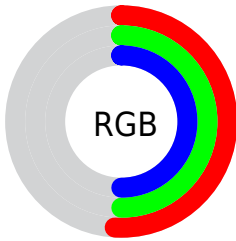
Format	Color
RYB	129, 129, 127
Decimal	8487039
CIELab	53.64, 0.18, 0.67
CIELCh	54, 0.691, 74.856
Yxy	21.6378, 0.3150, 0.3308
Android (android.graphics.Color)	4286677119 (0xFF81807F)
YUV	128.1850, -0.5842, 0.7148
Hunter-Lab	46.5164, -2.3420, 3.0299

Details

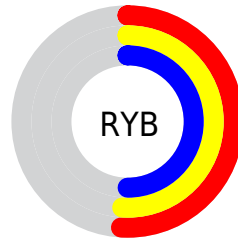
The Hex color **81807F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7F8081**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B6B5B4**, and **504F4E** is the 20% darker color. If you saturate the color by 10%, you get **817A72**, and if you desaturate by 10%, it is **81868C**.

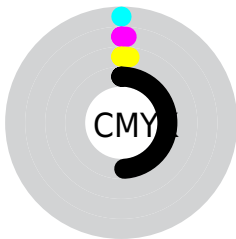
Distribution



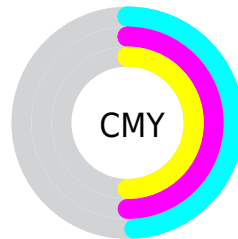
- Red (51%)
- Green (50%)
- Blue (50%)



- Red (51%)
- Yellow (51%)
- Blue (50%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (49%)



- Cyan (49%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81807F 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 81807F by changing the saturation by 10% instead.



81807F



81807F

FFFFFF



686766



B6B5B4



504F4E



D1D0CF



393837



EEEEDEB



242322



0E0D0C



000000



81807F



81807F



817A72




81868C





817365




818D99

 816D58


 8193A6

 81664B


 819AB3

 81603F

 81A0C0

 815932

 81A7CC

 815325

 81ADD9

 814C18

 81B4E6

 81460B

 81BAF3

Harmonies

Analogous

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



81807F



80807F

Triad

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



81807F



7F8180



818081

Complementary

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



81807F



7F8081

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.



808081



81807F



7F8081

Square

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



81807F



7F8080



7F8081



818080

Rectangle

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



81807F



80807F



7F8081



808081

Sweetspot

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



81807F



A8A8A8



817F80



545454



D4D4D4

Same Dimension

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



81807F



A8A7A5



81817F



403F3E



804000



000000

Inverse Universe

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



7F8081



A5A7A8



7F7F81



3E3F40



004080



000000

Previews

White Background



This preview shows how the Hex color 81807F looks on a white background.

Color Contrast Check

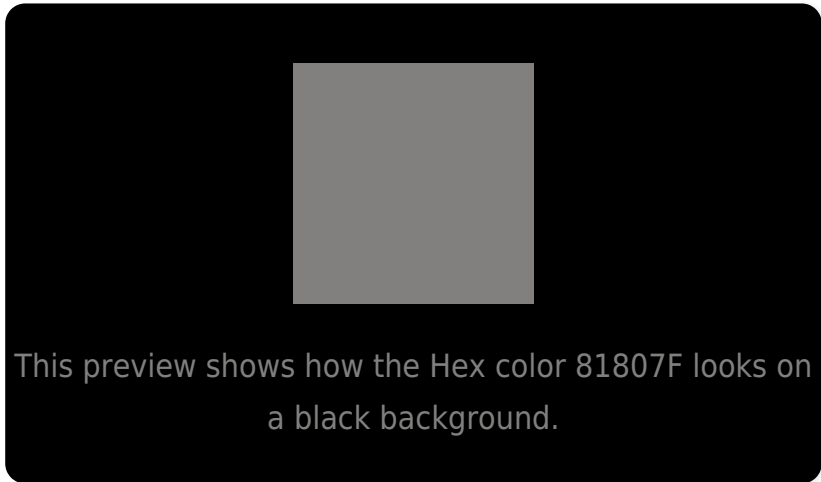
Large Text (above 18pt) WCAG AA ✓ Pass

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

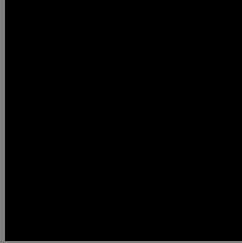
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

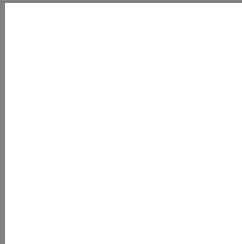
Any Text WCAG AAA × Fail

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

Hex 81807F Background



This preview shows how black text looks on a background with the Hex color 81807F.



This preview shows how white text looks on a background with the Hex color 81807F.

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

81807F

Protanopia

83807F

Deuteranopia

8C7C80



Tritanopia
827F89

Trichromacy



Original Color
81807F

Protanomaly
82807F

Deuteranomaly
887D80

Tritanomaly
827F85

Monochromacy



Original Color
81807F

Achromatopsia
808080

Achromatomaly
808080

CSS Examples

Text

The CSS property to change the color of the text to Hex 81807F 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 #81807F looks like.

```
.text, #text, p{  
    color:#81807F  
}
```

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 #81807F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81807F
}
```

Border

The CSS property to change the border of an element to Hex 81807F is called "border". The border property can be set on classes, ids or directly on the HTML element.

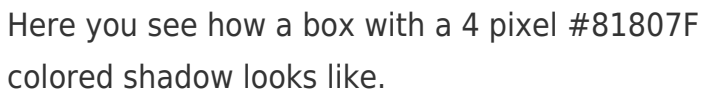
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81807F }
```

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

```
.border{ border-color:#81807F }
```

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



Here you see how a box with a 4 pixel #81807F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81807F; -webkit-box-shadow:4px 4px  
4px 4px #81807F; box-shadow:4px 4px 4px  
4px #81807F }
```

Background

The CSS property to change the background color of an element to Hex 81807F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81807F }
```

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

```
.background{ background-color:#81807F }
```

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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