

Converting Colors

Hex(81857B)

Have a look what the booklet for
Hex(81857B) contains.

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Color

Hex(81857B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 81857B |
| RGB | 129, 133, 123 |
| RGB Percent | 51%, 52%, 48% |
| CMY | 0.4941, 0.4784, 0.5176 |
| CMYK | 0.03, 0.00, 0.08, 0.48 |
| HSL | 84°, 4%, 50% |
| HSV | 84°, 8%, 52% |
| XYZ | 21.0159, 22.8722, 22.0460 |
| YIQ | 130.6640, 0.8260, -3.9580 |

Conversions

Conversions Part 2

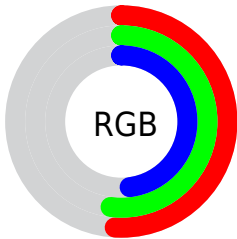
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 123, 133, 127 |
| Decimal | 8488315 |
| CIELab | 54.94, -3.43, 4.87 |
| CIELCh | 55, 5.957, 125.159 |
| Yxy | 22.8722, 0.3187, 0.3469 |
| Android (android.graphics.Color) | 4286678395 (0xFF81857B) |
| YUV | 130.6640, -3.7784, -1.4593 |
| Hunter-Lab | 47.8249, -5.2545, 6.1463 |

Details

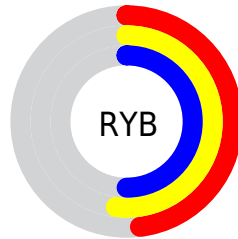
The Hex color **81857B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7F7B85**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B6BAAF**, and **50544A** is the 20% darker color. If you saturate the color by 10%, you get **7C856E**, and if you desaturate by 10%, it is **868588**.

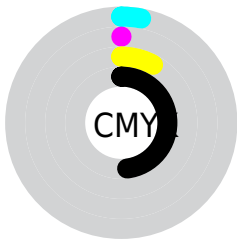
Distribution



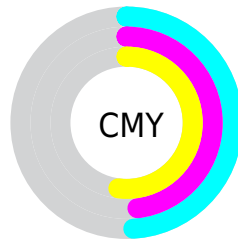
- Red (51%)
- Green (52%)
- Blue (48%)



- Red (48%)
- Yellow (52%)
- Blue (50%)



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (48%)




- Cyan (49%)
- Magenta (48%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81857B 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 81857B by changing the saturation by 10% instead.

 81857B

 81857B

FFFFFF

 686C62

 B6BAAF

 50544A

 D1D6CB

 393C34

 EEF2E7

 23271F

 0E1206

 000000

 81857B


 81857B

 7C856E

 868588

 768560

 8C8596

 718553

 9185A3

 6C8546

 9685B0

 668539

 9C85BE

 61852B

 A185CB

 5C851E

 A685D8

 568511

 AC85E5

 518503

 B185F3

Harmonies

Analogous

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



878379



81857B



7B867F

Triad

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



81857B



7A858D



8E8083

Complementary

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



81857B



7F7B85

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.



8B8188



81857B



7F848E

Square

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



81857B



778689



86828C



8F807E

Rectangle

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



81857B



798782



86828C



8E8085

Sweetspot

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



81857B



ACADAA



857F7B



565755



D6D6D6



575757

Same Dimension

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



81857B



A7AD9E



7C857B



40423C



4E8200



020300

Inverse Universe

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



7F7B85



A49EAD



847B85



3E3C42



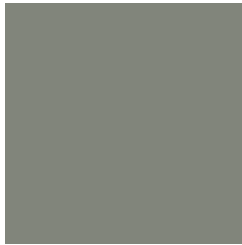
340082



010003

Previews

White Background



This preview shows how the Hex color 81857B looks on a white background.

Color Contrast Check

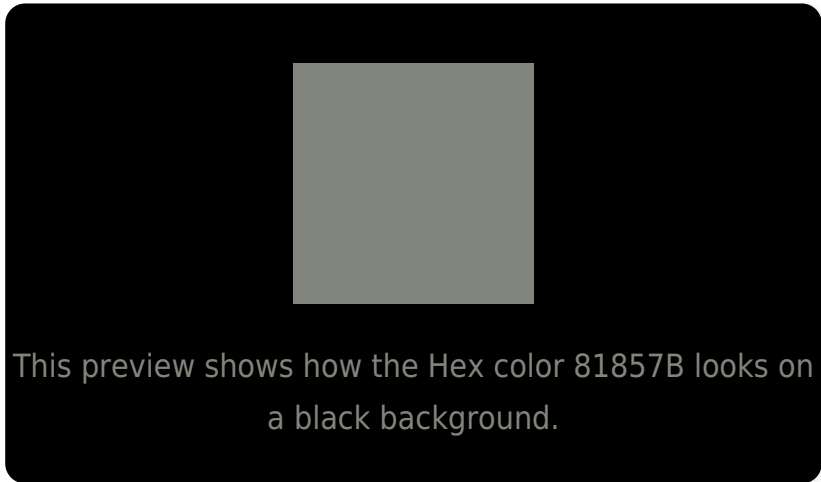
Large Text (above 18pt) WCAG AA ✓ Pass

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

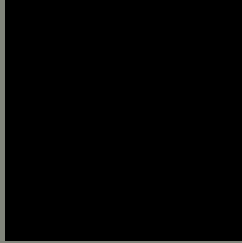
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

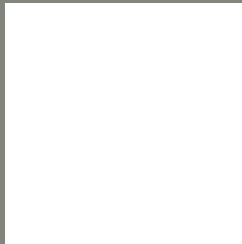
Any Text WCAG AAA × Fail

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

Hex 81857B Background



This preview shows how black text looks on a background with the Hex color 81857B.



This preview shows how white text looks on a background with the Hex color 81857B.

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


81857B

Protanopia

88837A

Deuteranopia

937F7C



Tritanopia
84828D

Trichromacy



Original Color

81857B

Protanomaly

85847A

Deuteranomaly

8C817C

Tritanomaly

838386

Monochromacy



Original Color

81857B

Achromatopsia

838383

Achromatomaly

828480

CSS Examples

Text

The CSS property to change the color of the text to Hex 81857B 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 #81857B looks like.

```
.text, #text, p{  
    color:#81857B  
}
```

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 #81857B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81857B
}
```

Border

The CSS property to change the border of an element to Hex 81857B is called "border". The border property can be set on classes, ids or directly on the HTML element.

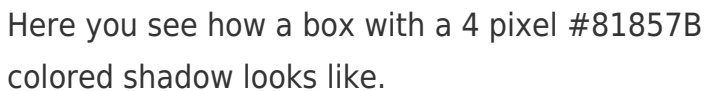
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81857B }
```

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

```
.border{ border-color:#81857B }
```

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



Here you see how a box with a 4 pixel #81857B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81857B; -webkit-box-shadow:4px 4px  
4px 4px #81857B; box-shadow:4px 4px 4px  
4px #81857B }
```

Background

The CSS property to change the background color of an element to Hex 81857B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81857B }
```

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

```
.background{ background-color:#81857B }
```

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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