

Converting Colors

Hex(81837D)

Have a look what the booklet for
Hex(81837D) contains.

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Color

Hex(81837D)

Conversions

Conversions Part 1

Format	Color
Hex	81837D
RGB	129, 131, 125
RGB Percent	51%, 51%, 49%
CMY	0.4941, 0.4863, 0.5098
CMYK	0.02, 0.00, 0.05, 0.49
HSL	80°, 2%, 50%
HSV	80°, 5%, 51%
XYZ	20.8712, 22.3804, 22.6219
YIQ	129.7180, 0.7340, -2.2900

Conversions

Conversions Part 2

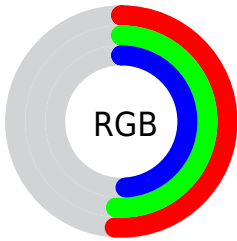
Format	Color
RYB	125, 131, 127
Decimal	8487805
CIELab	54.43, -1.92, 2.97
CIELCh	54, 3.538, 122.826
Yxy	22.3804, 0.3168, 0.3397
Android (android.graphics.Color)	4286677885 (0xFF81837D)
YUV	129.7180, -2.3260, -0.6297
Hunter-Lab	47.3079, -4.0385, 4.7641

Details

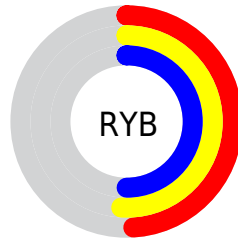
The Hex color **81837D** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7F7D83**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **B6B8B2**, and **50524C** is the 20% darker color. If you saturate the color by 10%, you get **7D8370**, and if you desaturate by 10%, it is **85838A**.

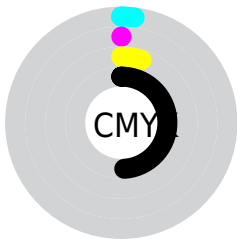
Distribution



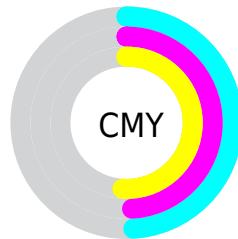
- Red (51%)
- Green (51%)
- Blue (49%)



- Red (49%)
- Yellow (51%)
- Blue (50%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (49%)



- Cyan (49%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81837D 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 81837D by changing the saturation by 10% instead.

■ 81837D

■ 81837D

FFFFFF

■ 686A64

■ B6B8B2

■ 50524C

■ D1D4CD

■ 393B36

■ EEF0E9

■ 232520

■ 0E1009

■ 000000

■ 81837D

■ 81837D

■ 7D8370

■ 85838A

■ 788363

■ 8A8397

■ 748356

■ 8E83A4

■ 708349

■ 9283B1

■ 6B833C

■ 9783BF

■ 67832E

■ 9B83CC

■ 628321

■ A083D9

■ 5E8314

■ A483E6

■ 5A8307

■ A883F3

Harmonies

Analogous

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



85827C



81837D



7E847F

Triad

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



81837D



7C8387



898082

Complementary

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



81837D



7F7D83

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.



878185



81837D



808288

Square

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



81837D



7B8485



838187



89807F

Rectangle

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



81837D



7C8481



838187



888083

Sweetspot

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



81837D



AAABA9



837F7D



565756



D6D6D6



575757

Same Dimension

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



81837D



A8ABA2



7E837D



41423E



578200



020300

Inverse Universe

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



7F7D83



A5A2AB



827D83



403E42



2B0082



010003

Previews

White Background



This preview shows how the Hex color 81837D looks on a white background.

Color Contrast Check

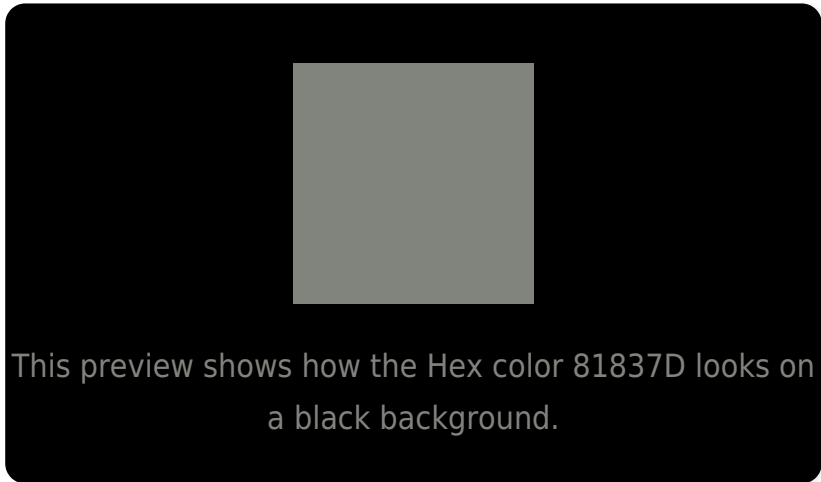
Large Text (above 18pt) WCAG AA ✓ Pass

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

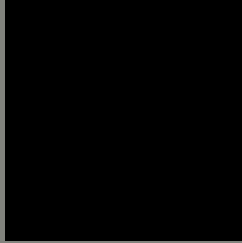
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

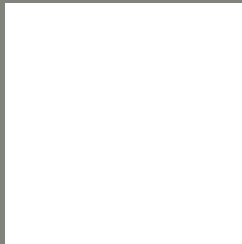
Any Text WCAG AAA × Fail

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

Hex 81837D Background



This preview shows how black text looks on a background with the Hex color 81837D.



This preview shows how white text looks on a background with the Hex color 81837D.

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

81837D

Protanopia

86827C

Deuteranopia

907E7E



Tritanopia
83818B

Trichromacy



Original Color
81837D

Protanomaly
84827C

Deuteranomaly
8B807E

Tritanomaly
828286

Monochromacy



Original Color
81837D

Achromatopsia
828282

Achromatomaly
828280

CSS Examples

Text

The CSS property to change the color of the text to Hex 81837D 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 #81837D looks like.

```
.text, #text, p{  
    color:#81837D  
}
```

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 #81837D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81837D
}
```

Border

The CSS property to change the border of an element to Hex 81837D 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
#81837D }
```

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

```
.border{ border-color:#81837D }
```

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

Here you see how a box with a 4 pixel #81837D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81837D; -webkit-box-shadow:4px 4px  
4px 4px #81837D; box-shadow:4px 4px 4px  
4px #81837D }
```

Background

The CSS property to change the background color of an element to Hex 81837D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81837D }
```

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

```
.background{ background-color:#81837D }
```

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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