

Converting Colors

Hex(837E80)

Have a look what the booklet for
Hex(837E80) contains.

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Color

Hex(837E80)

Conversions

Conversions Part 1

Format	Color
Hex	837E80
RGB	131, 126, 128
RGB Percent	51%, 49%, 50%
CMY	0.4863, 0.5059, 0.4980
CMYK	0.00, 0.04, 0.02, 0.49
HSL	336°, 2%, 50%
HSV	336°, 4%, 51%
XYZ	20.7172, 21.3055, 23.4425
YIQ	127.7230, 2.3380, 1.6820

Conversions

Conversions Part 2

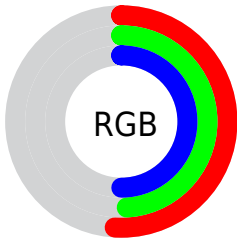
Format	Color
RYB	131, 126, 128
Decimal	8617600
CIELab	53.28, 2.28, -0.42
CIELCh	53, 2.316, 349.599
Yxy	21.3055, 0.3165, 0.3254
Android (android.graphics.Color)	4286807680 (0xFF837E80)
YUV	127.7230, 0.1366, 2.8739
Hunter-Lab	46.1579, -0.6596, 2.1985

Details

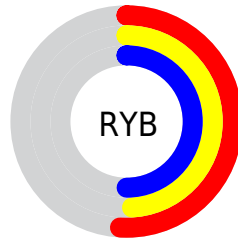
The Hex color **837E80** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7E8381**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B8B3B5**, and **524D4F** is the 20% darker color. If you saturate the color by 10%, you get **837178**, and if you desaturate by 10%, it is **838B88**.

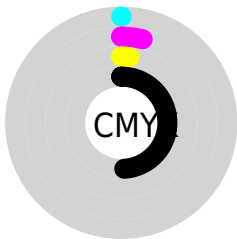
Distribution



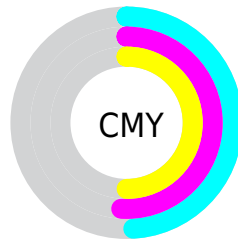
- Red (51%)
- Green (49%)
- Blue (50%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (49%)



- Cyan (49%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 837E80 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 837E80 by changing the saturation by 10% instead.

■ 837E80

■ 837E80

FFFFFF

■ 6A6567

■ B8B3B5

■ 524D4F

■ D4CED0

■ 3B3638

■ F0EAED

■ 252123

■ 100A0D

■ 000000

■ 837E80

■ 837E80

■ 837178

■ 838B88

■ 836470

■ 839890

 835768

 83A598

 834A61

 83B29F

 833D59

 83C0A7

 832F51

 83CDAF

 832249

 83DAB7

 831541

 83E7BF

 830839

 83F4C7

Harmonies

Analogous

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



817E82



837E80



847E7E

Triad

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



837E80



80807B



7B8082

Complementary

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



837E80



7E8381

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.



7B8080



837E80



7D807D

Square

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



837E80



827F7B



7B807E



7D8083

Rectangle

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



837E80



847E7D



7B807E



7B8082

Sweetspot

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



837E80



ABA9AA



817E83



575656



D6D6D6



575757

Same Dimension

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



837E80



ABA2A6



837F7E



423E40



820034



030001

Inverse Universe

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



837E80



ABA2A6



7E8383



423E40



820034



030001

Previews

White Background



This preview shows how the Hex color 837E80 looks on a white background.

Color Contrast Check

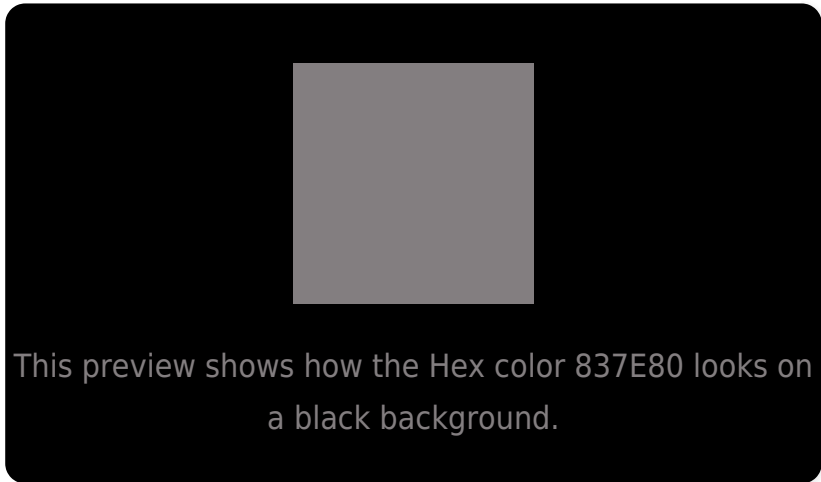
Large Text (above 18pt) WCAG AA ✓ Pass

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

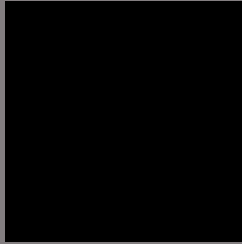
Any Text WCAG AA ✓ Pass

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 837E80 Background



This preview shows how black text looks on a background with the Hex color 837E80.



This preview shows how white text looks on a background with the Hex color 837E80.

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


837E80

Protanopia

817F80

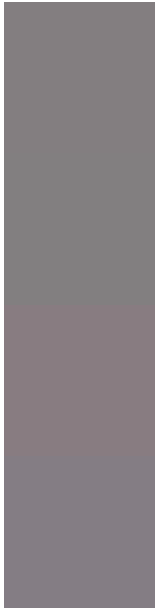
Deuteranopia

8B7B81



Tritanopia
847D87

Trichromacy



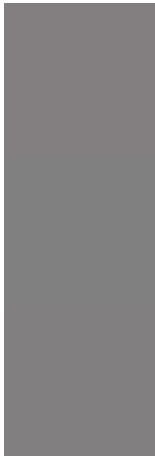
Original Color
837E80

Protanomaly
827F80

Deuteranomaly
887C81

Tritanomaly
847D84

Monochromacy



Original Color
837E80

Achromatopsia
808080

Achromatomaly
817F80

CSS Examples

Text

The CSS property to change the color of the text to Hex 837E80 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 #837E80 looks like.

```
.text, #text, p{  
    color:#837E80  
}
```

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 #837E80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837E80
}
```

Border

The CSS property to change the border of an element to Hex 837E80 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
#837E80 }
```

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

```
.border{ border-color:#837E80 }
```

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

Here you see how a box with a 4 pixel #837E80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837E80; -webkit-box-shadow:4px 4px  
4px 4px #837E80; box-shadow:4px 4px 4px  
4px #837E80 }
```

Background

The CSS property to change the background color of an element to Hex 837E80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837E80 }
```

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

```
.background{ background-color:#837E80 }
```

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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