

Converting Colors

Hex(837E85)

Have a look what the booklet for
Hex(837E85) contains.

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Color

Hex(837E85)

Conversions

Conversions Part 1

Format	Color
Hex	837E85
RGB	131, 126, 133
RGB Percent	51%, 49%, 52%
CMY	0.4863, 0.5059, 0.4784
CMYK	0.02, 0.05, 0.00, 0.48
HSL	283°, 3%, 51%
HSV	283°, 5%, 52%
XYZ	21.0546, 21.4405, 25.2190
YIQ	128.2930, 0.7330, 3.2370

Conversions

Conversions Part 2

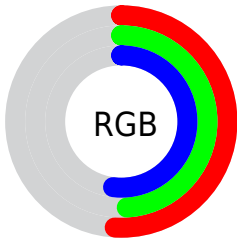
Format	Color
R_{YB}	131, 126, 133
Decimal	8617605
CIE Lab	53.43, 3.27, -3.12
CIE LCh	53, 4.523, 316.365
Yxy	21.4405, 0.3109, 0.3166
Android (android.graphics.Color)	4286807685 (0xFF837E85)
YUV	128.2930, 2.3206, 2.3740
Hunter-Lab	46.3038, 0.1330, 0.1209

Details

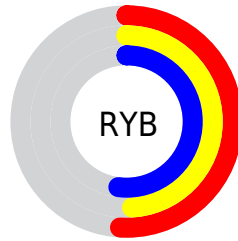
The Hex color **837E85** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **80857E**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B8B3BA**, and **524D54** is the 20% darker color. If you saturate the color by 10%, you get **7F7185**, and if you desaturate by 10%, it is **878B85**.

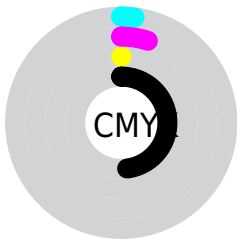
Distribution



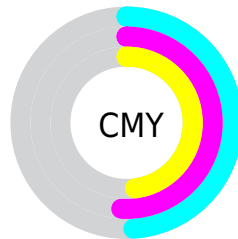
- Red (51%)
- Green (49%)
- Blue (52%)



- Red (51%)
- Yellow (49%)
- Blue (52%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 837E85 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 837E85 by changing the saturation by 10% instead.



837E85



837E85

FFFFFF



6A656C



B8B3BA



524D54



D4CED6



3B363C



F0EAF2



252127



100A12



000000



837E85



837E85



7F7185



878B85



7B6385



8B9985

785685

8EA685

744985

92B385

703B85

96C185

6C2E85

9ACE85

682185

9EDB85

651485

A1E885

610685

A5F685

Harmonies

Analogous

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



7E7F87



837E85



877D82

Triad

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



837E85



857F78



768282

Complementary

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



837E85



80857E

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.



78827E



837E85



818078

Square

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



837E85



887E7A



7C817A



778185

Rectangle

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



837E85



887D7F



7C817A



778280

Sweetspot

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



837E85



ACAAAD



7E8085



565557



D6D6D6



575757

Same Dimension

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



837E85



AAA3AD



857E84



413E42



5D0082



020003

Inverse Universe

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



857E80



ADA3A6



7E857F



423E3F



820025



030001

Previews

White Background



This preview shows how the Hex color 837E85 looks on a white background.

Color Contrast Check

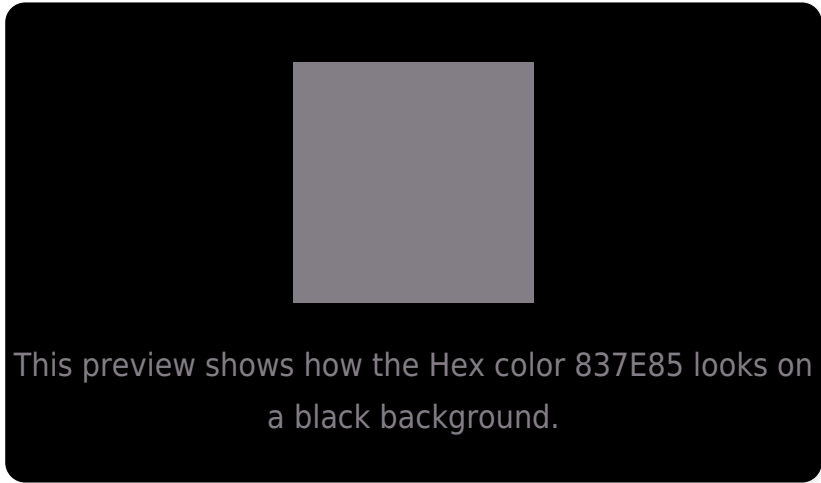
Large Text (above 18pt) WCAG AA ✓ Pass

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

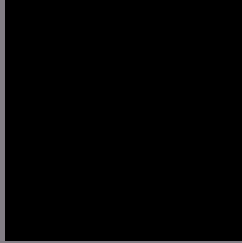
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

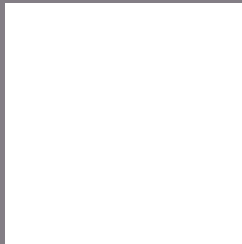
Any Text WCAG AAA × Fail

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

Hex 837E85 Background



This preview shows how black text looks on a background with the Hex color 837E85.



This preview shows how white text looks on a background with the Hex color 837E85.

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
837E85

Protanopia
807F86

Deuteranopia
897C85



Tritanopia
837E88

Trichromacy



Original Color
837E85

Protanomaly
817F86

Deuteranomaly
877D85

Tritanomaly
837E87

Monochromacy



Original Color
837E85

Achromatopsia
808080

Achromatomaly
817F82

CSS Examples

Text

The CSS property to change the color of the text to Hex 837E85 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 #837E85 looks like.

```
.text, #text, p{  
    color:#837E85  
}
```

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 #837E85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837E85
}
```

Border

The CSS property to change the border of an element to Hex 837E85 is called "border". The border property can be set on classes, ids or directly on the HTML element.

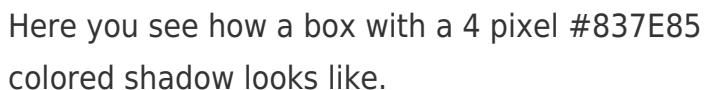
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#837E85 }
```

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

```
.border{ border-color:#837E85 }
```

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



Here you see how a box with a 4 pixel #837E85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837E85; -webkit-box-shadow:4px 4px  
4px 4px #837E85; box-shadow:4px 4px 4px  
4px #837E85 }
```

Background

The CSS property to change the background color of an element to Hex 837E85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837E85 }
```

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

```
.background{ background-color:#837E85 }
```

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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