

Converting Colors

Hex(837E7A)

Have a look what the booklet for
Hex(837E7A) contains.

Hex(837E7A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(837E7A)

Conversions

Conversions Part 1

Format	Color
Hex	837E7A
RGB	131, 126, 122
RGB Percent	51%, 49%, 48%
CMY	0.4863, 0.5059, 0.5216
CMYK	0.00, 0.04, 0.07, 0.49
HSL	27°, 4%, 50%
HSV	27°, 7%, 51%
XYZ	20.3338, 21.1521, 21.4234
YIQ	127.0390, 4.2640, -0.1840

Conversions

Conversions Part 2

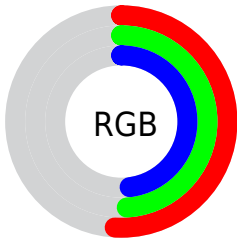
Format	Color
R_{YB}	131, 129, 122
Decimal	8617594
CIE Lab	53.12, 1.13, 2.84
CIE LCh	53, 3.056, 68.331
Yxy	21.1521, 0.3232, 0.3362
Android (android.graphics.Color)	4286807674 (0xFF837E7A)
YUV	127.0390, -2.4842, 3.4738
Hunter-Lab	45.9915, -1.5665, 4.5760

Details

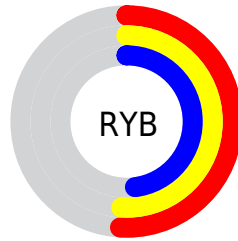
The Hex color **837E7A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A7F83**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B8B3AE**, and **524D49** is the 20% darker color. If you saturate the color by 10%, you get **83776D**, and if you desaturate by 10%, it is **838587**.

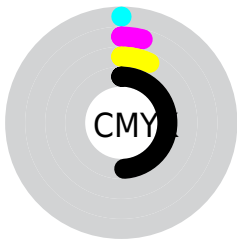
Distribution



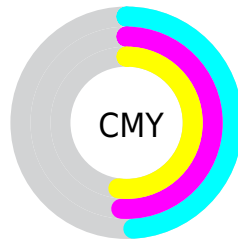
- Red (51%)
- Green (49%)
- Blue (48%)



- Red (51%)
- Yellow (51%)
- Blue (48%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (49%)



- Cyan (49%)
- Magenta (51%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 837E7A 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 837E7A by changing the saturation by 10% instead.



837E7A



837E7A

FFFFFF



6A6561



B8B3AE



524D49



D4CECA



3B3633



F0EAE6



25211E



100A04



000000



837E7A



837E7A



83776D



838587



836F60



838D94

■ 836853

■ 8394A1

■ 836146

■ 839BAE

■ 835A39

■ 83A2BB

■ 83522B

■ 83AAC9

■ 834B1E

■ 83B1D6

■ 834411

■ 83B8E3

■ 833D04

■ 83BFF0

Harmonies

Analogous

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



857D7C



837E7A



807F7A

Triad

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



837E7A



79807F



807E83

Complementary

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



837E7A



7A7F83

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.



7D7F84



837E7A



798082

Square

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



837E7A



7A807D



7A8084



837D81

Rectangle

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



837E7A



7E7F7A



7A8084



7F7E83

Sweetspot

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



837E7A



ABA9A7



837A7F



575655



D6D6D6



575757

Same Dimension

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



837E7A



ABA39D



83827A



423F3C



823A00



030100

Inverse Universe

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



7A7F83



9DA5AB



7A7B83



3C3F42



004882



000103

Previews

White Background



This preview shows how the Hex color 837E7A looks on a white background.

Color Contrast Check

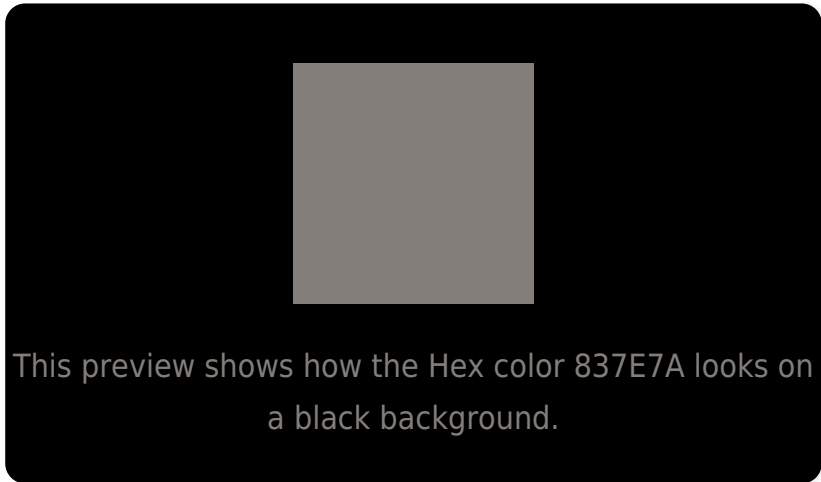
Large Text (above 18pt) WCAG AA ✓ Pass

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

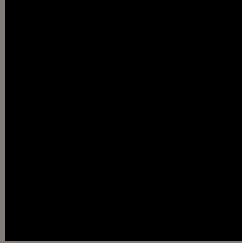
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

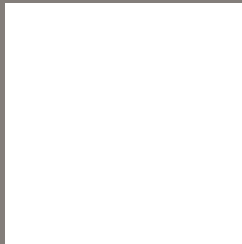
Any Text WCAG AAA × Fail

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

Hex 837E7A Background



This preview shows how black text looks on a background with the Hex color 837E7A.



This preview shows how white text looks on a background with the Hex color 837E7A.

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

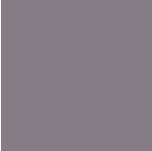
837E7A

Protanopia

827E7A

Deuteranopia

8D7B7B



Tritanopia
857C86

Trichromacy



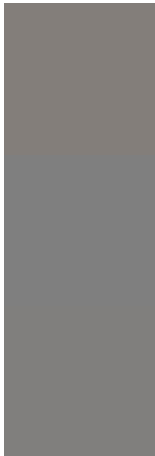
Original Color
837E7A

Protanomaly
827E7A

Deuteranomaly
897C7B

Tritanomaly
847D82

Monochromacy



Original Color
837E7A

Achromatopsia
7F7F7F

Achromatomaly
807F7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 837E7A 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 #837E7A looks like.

```
.text, #text, p{  
    color:#837E7A  
}
```

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 #837E7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837E7A
}
```

Border

The CSS property to change the border of an element to Hex 837E7A 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
#837E7A }
```

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

```
.border{ border-color:#837E7A }
```

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

Here you see how a box with a 4 pixel #837E7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837E7A; -webkit-box-shadow:4px 4px  
4px 4px #837E7A; box-shadow:4px 4px 4px  
4px #837E7A }
```

Background

The CSS property to change the background color of an element to Hex 837E7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837E7A }
```

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

```
.background{ background-color:#837E7A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor