

Converting Colors

Hex(837F7A)

Have a look what the booklet for
Hex(837F7A) contains.

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Color

Hex(837F7A)

Conversions

Conversions Part 1

Format	Color
Hex	837F7A
RGB	131, 127, 122
RGB Percent	51%, 50%, 48%
CMY	0.4863, 0.5020, 0.5216
CMYK	0.00, 0.03, 0.07, 0.49
HSL	33°, 4%, 50%
HSV	33°, 7%, 51%
XYZ	20.4623, 21.4092, 21.4663
YIQ	127.6260, 3.9890, -0.7070

Conversions

Conversions Part 2

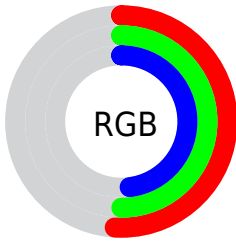
Format	Color
R_{YB}	129, 131, 122
Decimal	8617850
CIE Lab	53.39, 0.56, 3.24
CIE LCh	53, 3.290, 80.286
Yxy	21.4092, 0.3231, 0.3380
Android (android.graphics.Color)	4286807930 (0xFF837F7A)
YUV	127.6260, -2.7736, 2.9590
Hunter-Lab	46.2701, -2.0334, 4.8824

Details

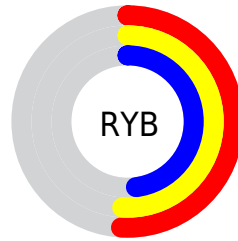
The Hex color **837F7A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7A7E83**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B8B4AE**, and **524E49** is the 20% darker color. If you saturate the color by 10%, you get **83796D**, and if you desaturate by 10%, it is **838587**.

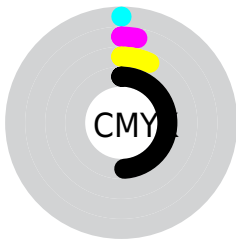
Distribution



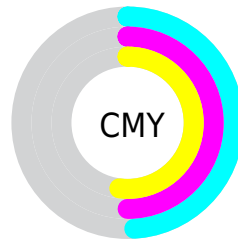
- Red (51%)
- Green (50%)
- Blue (48%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (49%)



- Cyan (49%)
- Magenta (50%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 837F7A 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 837F7A by changing the saturation by 10% instead.



837F7A



837F7A

FFFFFF



6A6661



B8B4AE



524E49



D4CFCA



3B3733



F0EBE6



25221E



100C05



000000



837F7A



837F7A



83796D



838587



837360



838B94

 836E53

 8390A1

 836846

 8396AE

 836239

 839CBB

 835C2B

 83A2C9

 83561E

 83A8D6

 835011

 83AEE3

 834B04

 83B3F0

Harmonies

Analogous

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



857E7B



837F7A



80807A

Triad

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



837F7A



798181



827E83

Complementary

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



837F7A



7A7E83

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.



7F7F85



837F7A



798184

Square

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



837F7A



7A817E



7C8085



857E81

Rectangle

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



837F7A



7E817B



7C8085



817F84

Sweetspot

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



837F7A



ABA9A7



837A7E



575655



D6D6D6



575757

Same Dimension

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



837F7A



ABA59D



83837A



423F3C



824800



030100

Inverse Universe

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



7A7E83



9DA3AB



7A7A83



3C3F42



003A82



000103

Previews

White Background



This preview shows how the Hex color 837F7A looks on a white background.

Color Contrast Check

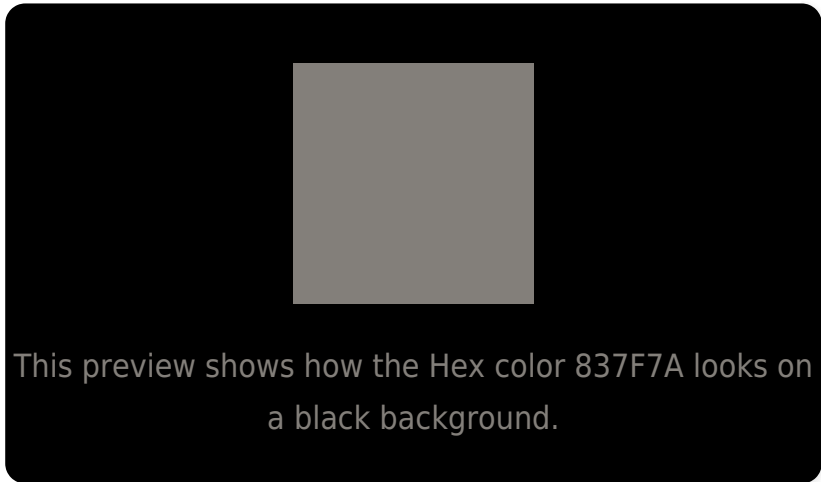
Large Text (above 18pt) WCAG AA ✓ Pass

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

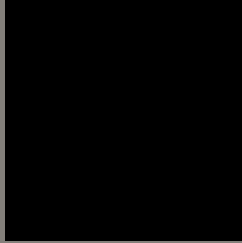
Any Text WCAG AA ✓ Pass

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 837F7A Background



This preview shows how black text looks on a background with the Hex color 837F7A.



This preview shows how white text looks on a background with the Hex color 837F7A.

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
837F7A

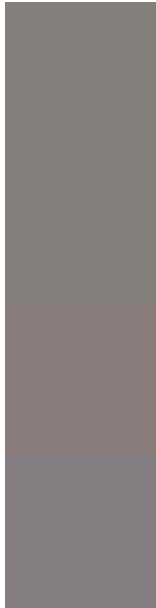
Protanopia
837F7A

Deuteranopia
8E7B7B



Tritanopia
857D87

Trichromacy



Original Color
837F7A

Protanomaly
837F7A

Deuteranomaly
8A7C7B

Tritanomaly
847E82

Monochromacy



Original Color
837F7A

Achromatopsia
808080

Achromatomaly
81807E

CSS Examples

Text

The CSS property to change the color of the text to Hex 837F7A 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 #837F7A looks like.

```
.text, #text, p{  
    color:#837F7A  
}
```

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 #837F7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837F7A
}
```

Border

The CSS property to change the border of an element to Hex 837F7A 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
#837F7A }
```

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

```
.border{ border-color:#837F7A }
```

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

Here you see how a box with a 4 pixel #837F7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837F7A; -webkit-box-shadow:4px 4px  
4px 4px #837F7A; box-shadow:4px 4px 4px  
4px #837F7A }
```

Background

The CSS property to change the background color of an element to Hex 837F7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837F7A }
```

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

```
.background{ background-color:#837F7A }
```

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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