

Converting Colors

Hex(837D78)

Have a look what the booklet for
Hex(837D78) contains.

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Color

Hex(837D78)

Conversions

Conversions Part 1

Format	Color
Hex	837D78
RGB	131, 125, 120
RGB Percent	51%, 49%, 47%
CMY	0.4863, 0.5098, 0.5294
CMYK	0.00, 0.05, 0.08, 0.49
HSL	27°, 4%, 49%
HSV	27°, 8%, 51%
XYZ	20.0839, 20.8486, 20.7349
YIQ	126.2240, 5.1810, -0.2830

Conversions

Conversions Part 2

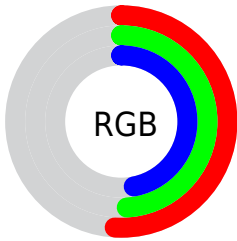
Format	Color
RYB	131, 129, 120
Decimal	8617336
CIELab	52.78, 1.33, 3.53
CIElCh	53, 3.769, 69.337
Yxy	20.8486, 0.3257, 0.3381
Android (android.graphics.Color)	4286807416 (0xFF837D78)
YUV	126.2240, -3.0684, 4.1886
Hunter-Lab	45.6603, -1.3915, 5.0378

Details

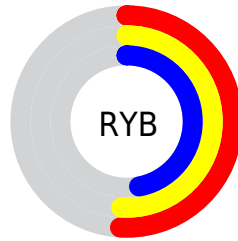
The Hex color **837D78** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **787E83**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B8B2AC**, and **524C48** is the 20% darker color. If you saturate the color by 10%, you get **83766B**, and if you desaturate by 10%, it is **838485**.

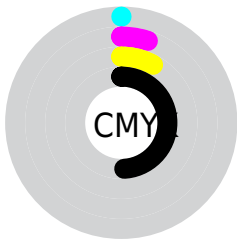
Distribution



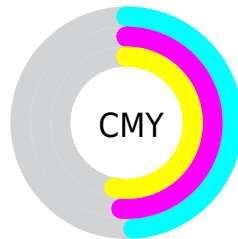
- Red (51%)
- Green (49%)
- Blue (47%)



- Red (51%)
- Yellow (51%)
- Blue (47%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (49%)



- Cyan (49%)
- Magenta (51%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 837D78 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 837D78 by changing the saturation by 10% instead.



837D78



837D78

FFFFFF



6A645F



B8B2AC



524C48



D4CDC8



3B3631



F0E9E4



25201C



100902



000000



837D78



837D78



83766B



838485



836F5E



838B92

836851

83929F

836044

839AAC

835937

83A1BA

835229

83A8C7

834B1C

83AFD4

83440F

83B6E1

833D02

83BDEE

Harmonies

Analogous

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



857C7A



837D78



807E78

Triad

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



837D78



77807F



807D83

Complementary

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



837D78



787E83

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.



7C7E84



837D78



768082

Square

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



837D78



79807C



787F84



837C80

Rectangle

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



837D78



7D7F78



787F84



7F7D84

Sweetspot

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



837D78



ABA8A6



83787E



575553



D6D6D6



575757

Same Dimension

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



837D78



ABA29A



838278



423F3C



823B00



030100

Inverse Universe

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



787E83



9AA3AB



787983



3C3F42



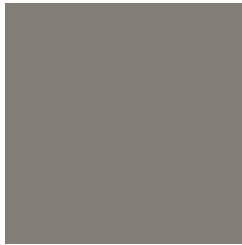
004782



000103

Previews

White Background



This preview shows how the Hex color 837D78 looks on a white background.

Color Contrast Check

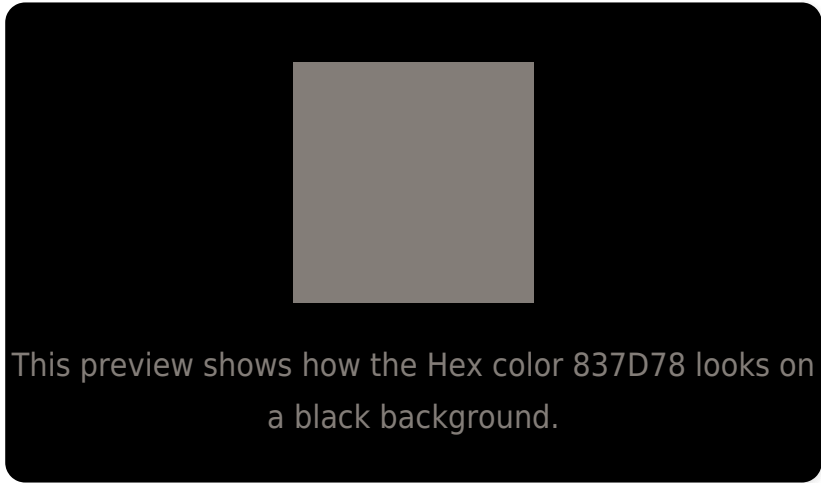
Large Text (above 18pt) WCAG AA ✓ Pass

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

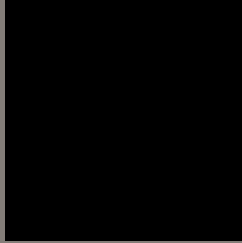
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

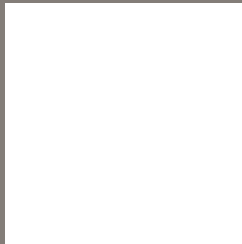
Any Text WCAG AAA × Fail

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

Hex 837D78 Background



This preview shows how black text looks on a background with the Hex color 837D78.



This preview shows how white text looks on a background with the Hex color 837D78.

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
837D78

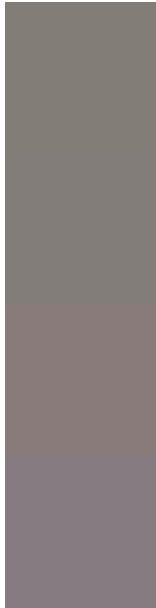
Protanopia
827D78

Deuteranopia
8C7A79



Tritanopia
857B85

Trichromacy



Original Color
837D78

Protanomaly
827D78

Deuteranomaly
897B79

Tritanomaly
847C80

Monochromacy



Original Color
837D78

Achromatopsia
7E7E7E

Achromatomaly
807E7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 837D78 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 #837D78 looks like.

```
.text, #text, p{  
    color:#837D78  
}
```

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 #837D78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837D78
}
```

Border

The CSS property to change the border of an element to Hex 837D78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

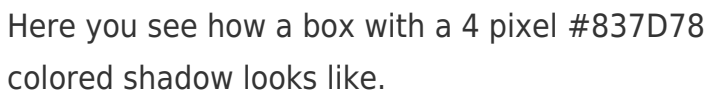
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#837D78 }
```

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

```
.border{ border-color:#837D78 }
```

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



Here you see how a box with a 4 pixel #837D78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837D78; -webkit-box-shadow:4px 4px  
4px 4px #837D78; box-shadow:4px 4px 4px  
4px #837D78 }
```

Background

The CSS property to change the background color of an element to Hex 837D78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837D78 }
```

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

```
.background{ background-color:#837D78 }
```

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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