

Converting Colors

Hex(837B78)

Have a look what the booklet for
Hex(837B78) contains.

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Color

Hex(837B78)

Conversions

Conversions Part 1

Format	Color
Hex	837B78
RGB	131, 123, 120
RGB Percent	51%, 48%, 47%
CMY	0.4863, 0.5176, 0.5294
CMYK	0.00, 0.06, 0.08, 0.49
HSL	16°, 4%, 49%
HSV	16°, 8%, 51%
XYZ	19.8332, 20.3473, 20.6514
YIQ	125.0500, 5.7310, 0.7630

Conversions

Conversions Part 2

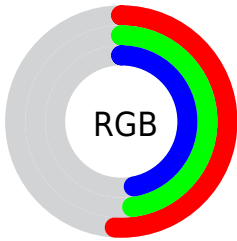
Format	Color
R_{YB}	131, 124, 120
Decimal	8616824
CIE Lab	52.23, 2.48, 2.72
CIE LCh	52, 3.684, 47.659
Yxy	20.3473, 0.3260, 0.3345
Android (android.graphics.Color)	4286806904 (0xFF837B78)
YUV	125.0500, -2.4896, 5.2182
Hunter-Lab	45.1080, -0.4555, 4.4313

Details

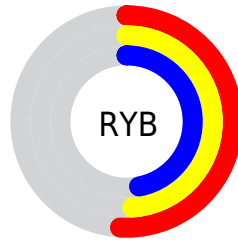
The Hex color **837B78** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **788083**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B8AFAC**, and **524A48** is the 20% darker color. If you saturate the color by 10%, you get **83716B**, and if you desaturate by 10%, it is **838585**.

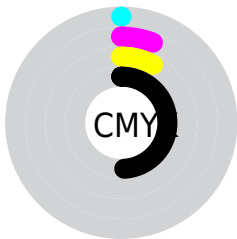
Distribution



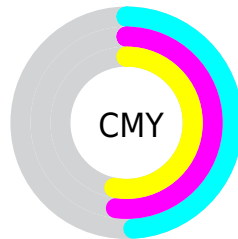
- Red (51%)
- Green (48%)
- Blue (47%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (49%)



- Cyan (49%)
- Magenta (52%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 837B78 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 837B78 by changing the saturation by 10% instead.



837B78



837B78

FFFFFF



6A625F



B8AFAC



524A48



D4CBC8



3B3431



F0E7E4



251F1C



100602



000000



837B78



837B78



83716B



838585



83685E



838E92

 835E51

 83989F

 835544

 83A1AC

 834B37

 83ABBA

 834229

 83B4C7

 83381C

 83BED4

 832F0F

 83C7E1

 832502

 83D1EE

Harmonies

Analogous

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



847B7B



837B78



817C76

Triad

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



837B78



777E7B



7C7C83

Complementary

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



837B78



788083

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.



787D83



837B78



757E7E

Square

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



837B78



7A7E78



767E81



7F7B81

Rectangle

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



837B78



7E7D76



767E81



7A7D83

Sweetspot

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



837B78



ABA7A6



837880



575453



D6D6D6



575757

Same Dimension

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



837B78



AB9E9A



838078



423D3C



822300



030100

Inverse Universe

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



788083



9AA6AB



787B83



3C4042



005F82



000203

Previews

White Background



This preview shows how the Hex color 837B78 looks on a white background.

Color Contrast Check

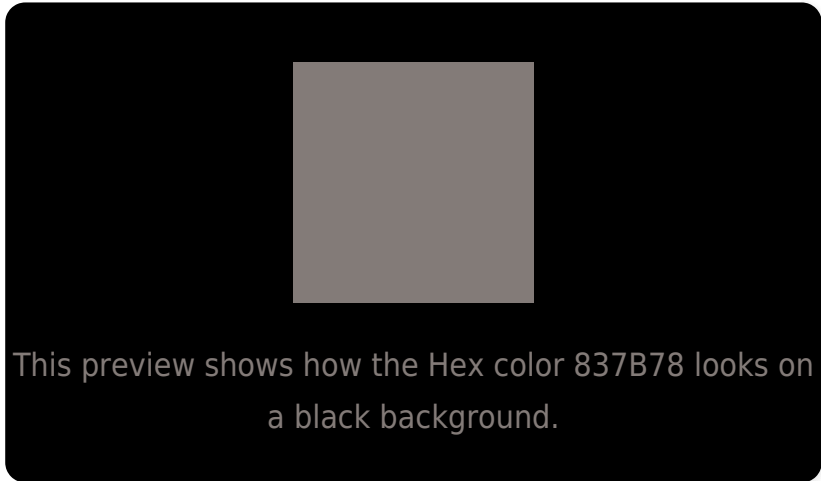
Large Text (above 18pt) WCAG AA ✓ Pass

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

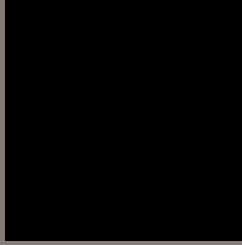
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

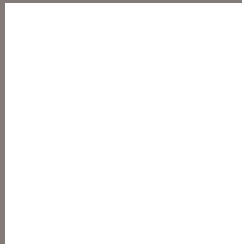
Any Text WCAG AAA × Fail

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

Hex 837B78 Background



This preview shows how black text looks on a background with the Hex color 837B78.



This preview shows how white text looks on a background with the Hex color 837B78.

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
837B78

Protanopia
807C79

Deuteranopia
8A7879



Tritanopia
857983

Trichromacy



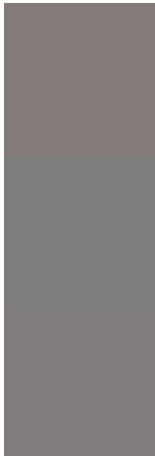
Original Color
837B78

Protanomaly
817C79

Deuteranomaly
877979

Tritanomaly
847A7F

Monochromacy



Original Color
837B78

Achromatopsia
7D7D7D

Achromatomaly
7F7C7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 837B78 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 #837B78 looks like.

```
.text, #text, p{  
    color:#837B78  
}
```

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 #837B78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837B78
}
```

Border

The CSS property to change the border of an element to Hex 837B78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

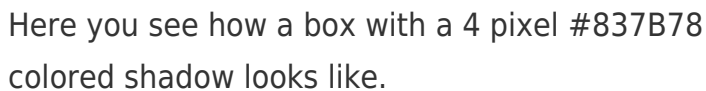
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#837B78 }
```

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

```
.border{ border-color:#837B78 }
```

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



Here you see how a box with a 4 pixel #837B78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837B78; -webkit-box-shadow:4px 4px  
4px 4px #837B78; box-shadow:4px 4px 4px  
4px #837B78 }
```

Background

The CSS property to change the background color of an element to Hex 837B78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837B78 }
```

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

```
.background{ background-color:#837B78 }
```

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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