

Converting Colors

Hex(847D77)

Have a look what the booklet for
Hex(847D77) contains.

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Color

Hex(847D77)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 847D77 |
| RGB | 132, 125, 119 |
| RGB Percent | 52%, 49%, 47% |
| CMY | 0.4824, 0.5098, 0.5333 |
| CMYK | 0.00, 0.05, 0.10, 0.48 |
| HSL | 28°, 5%, 49% |
| HSV | 28°, 10%, 52% |
| XYZ | 20.1791, 20.9047, 20.4242 |
| YIQ | 126.4090, 6.0980, -0.3820 |

Conversions

Conversions Part 2

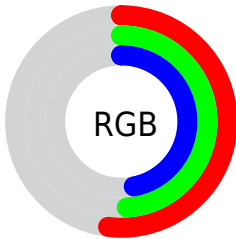
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 132, 130, 119 |
| Decimal | 8682871 |
| CIE Lab | 52.85, 1.53, 4.21 |
| CIE LCh | 53, 4.482, 69.976 |
| Yxy | 20.9047, 0.3281, 0.3399 |
| Android (android.graphics.Color) | 4286872951 (0xFF847D77) |
| YUV | 126.4090, -3.6526, 4.9033 |
| Hunter-Lab | 45.7216, -1.2324, 5.5198 |

Details

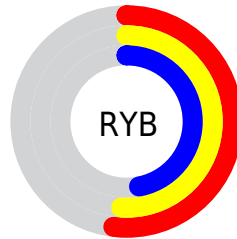
The Hex color **847D77** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **777E84**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B9B2AB**, and **534C47** is the 20% darker color. If you saturate the color by 10%, you get **84766A**, and if you desaturate by 10%, it is **848484**.

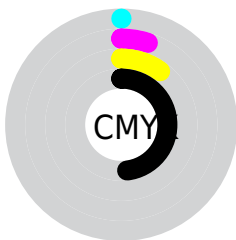
Distribution



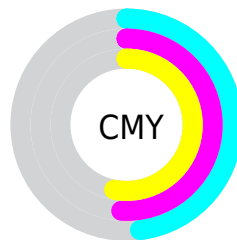
- Red (52%)
- Green (49%)
- Blue (47%)



- Red (52%)
- Yellow (51%)
- Blue (47%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (48%)



- Cyan (48%)
- Magenta (51%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 847D77 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 847D77 by changing the saturation by 10% instead.



847D77



847D77

FFFFFF



6B645E



B9B2AB



534C47



D5CDC6



3B3630



F1E9E2



26201B



120900



000000



847D77



847D77



84766A



848484



846F5D



848B91

 84684F

 84929F

 846142

 8499AC

 845935

 84A1B9

 845228

 84A8C6

 844B1B

 84AFD3

 84440D

 84B6E1

 843D00

 84BDEE

Harmonies

Analogous

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



867C79



847D77



807E77

Triad

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



847D77



75817F



817D84

Complementary

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



847D77



777E84

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.



7C7E86



847D77



758083

Square

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



847D77



78807B



787F85



847C81

Rectangle

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



847D77



7D7F77



787F85



7F7D85

Sweetspot

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



847D77



ABA8A6



84777E



575553



D6D6D6



575757

Same Dimension

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



847D77



ABA096



848377



423F3C



823C00



030100

Inverse Universe

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



777E84



96A1AB



777884



3C3F42



004682



000103

Previews

White Background



This preview shows how the Hex color 847D77 looks on a white background.

Color Contrast Check

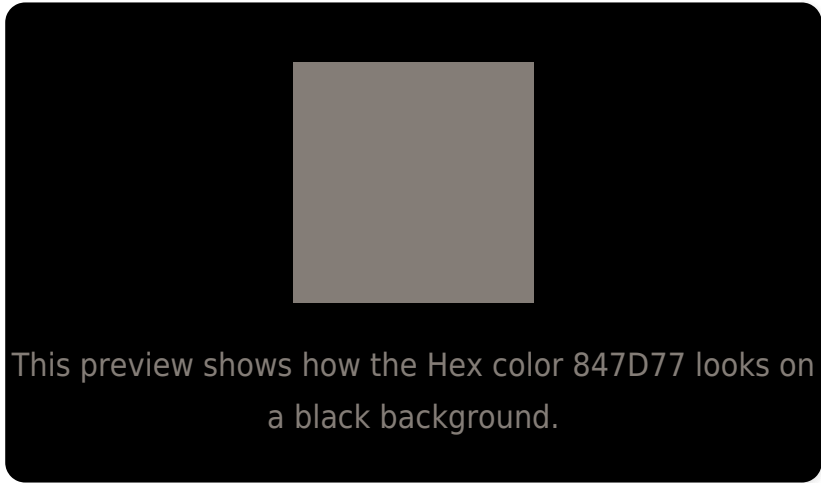
Large Text (above 18pt) WCAG AA ✓ Pass

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

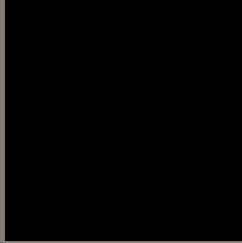
Any Text WCAG AA ✓ Pass

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 847D77 Background



This preview shows how black text looks on a background with the Hex color 847D77.



This preview shows how white text looks on a background with the Hex color 847D77.

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

847D77

Protanopia

827E77

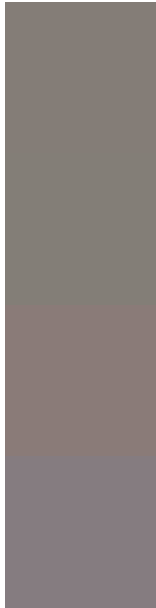
Deuteranopia

8D7A78



Tritanopia
867B85

Trichromacy



Original Color
847D77

Protanomaly
837E77

Deuteranomaly
8A7B78

Tritanomaly
857C80

Monochromacy



Original Color
847D77

Achromatopsia
7E7E7E

Achromatomaly
807E7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 847D77 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 #847D77 looks like.

```
.text, #text, p{  
    color:#847D77  
}
```

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 #847D77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #847D77
}
```

Border

The CSS property to change the border of an element to Hex 847D77 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
#847D77 }
```

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

```
.border{ border-color:#847D77 }
```

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

Here you see how a box with a 4 pixel #847D77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #847D77; -webkit-box-shadow:4px 4px  
4px 4px #847D77; box-shadow:4px 4px 4px  
4px #847D77 }
```

Background

The CSS property to change the background color of an element to Hex 847D77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#847D77 }
```

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

```
.background{ background-color:#847D77 }
```

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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