

Converting Colors

Hex(87806C)

Have a look what the booklet for
Hex(87806C) contains.

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Color

Hex(87806C)

Conversions

Conversions Part 1

Format	Color
Hex	87806C
RGB	135, 128, 108
RGB Percent	53%, 50%, 42%
CMY	0.4706, 0.4980, 0.5765
CMYK	0.00, 0.05, 0.20, 0.47
HSL	44°, 11%, 48%
HSV	44°, 20%, 53%
XYZ	20.4176, 21.6719, 17.2943
YIQ	127.8130, 10.5920, -4.7360

Conversions

Conversions Part 2

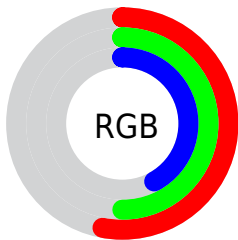
Format	Color
RYB	117, 135, 108
Decimal	8880236
CIELab	53.68, -0.88, 11.82
CIElCh	54, 11.854, 94.267
Yxy	21.6719, 0.3438, 0.3649
Android (android.graphics.Color)	4287070316 (0xFF87806C)
YUV	127.8130, -9.7678, 6.3030
Hunter-Lab	46.5531, -3.1802, 10.5612

Details

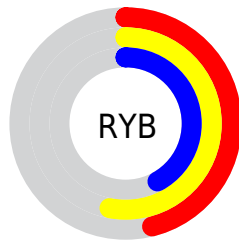
The Hex color **87806C** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **6C7387**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **BCB59F**, and **554F3D** is the 20% darker color. If you saturate the color by 10%, you get **877D5E**, and if you desaturate by 10%, it is **87847A**.

Distribution



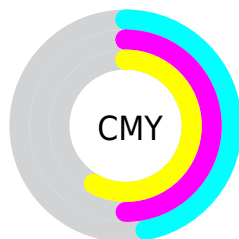
- Red (53%)
- Green (50%)
- Blue (42%)



- Red (46%)
- Yellow (53%)
- Blue (42%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (47%)



- Cyan (47%)
- Magenta (50%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87806C 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 87806C by changing the saturation by 10% instead.



87806C



87806C

FFFFFF



6E6754



BCB59F



554F3D



D8D0BA



3E3827



F5EDD6



272312



FFFFF3



110D00



000000



87806C



87806C



877D5E



87847A



877951



878787

■ 877544

■ 878B95

■ 877236

■ 878EA2

■ 876E29

■ 8792B0

■ 876B1B

■ 8795BD

■ 87670D

■ 8799CB

■ 876400

■ 879CD8

■ 87A0E6

Harmonies

Analogous

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



907D6E



87806C



7B836F

Triad

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



87806C



66868B



8F7A89

Complementary

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



87806C



6C7387

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.



847D91



87806C



6C8492

Square

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



87806C



688681



778194



95797F

Rectangle

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



87806C



748574



778194



8C7B8C

Sweetspot

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



87806C



B0ADA5



876C73



595853



D9D9D9



595959

Same Dimension

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



87806C



B0A586



81876C



42413C



826000



030200

Inverse Universe

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



6C7387



8691B0



726C87



3C3D42



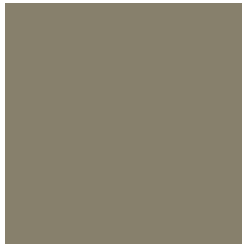
002282



000103

Previews

White Background



This preview shows how the Hex color 87806C looks on a white background.

Color Contrast Check

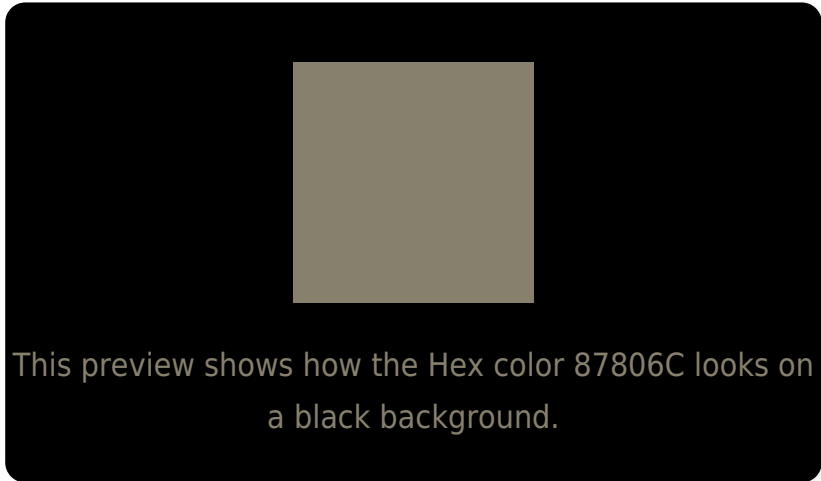
Large Text (above 18pt) WCAG AA ✓ Pass

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

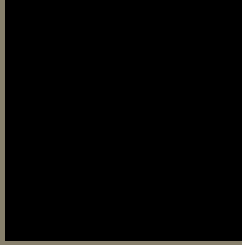
Any Text WCAG AA ✓ Pass

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 87806C Background



This preview shows how black text looks on a background with the Hex color 87806C.



This preview shows how white text looks on a background with the Hex color 87806C.

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


87806C

Protanopia

87806C

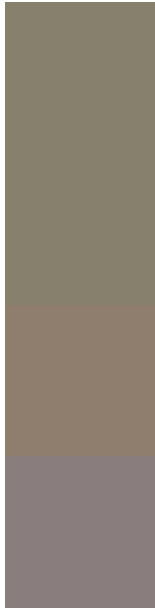
Deuteranopia

937B6D



Tritanopia
8A7C86

Trichromacy



Original Color
87806C

Protanomaly
87806C

Deuteranomaly
8F7D6D

Tritanomaly
897D7D

Monochromacy



Original Color
87806C

Achromatopsia
808080

Achromatomaly
838079

CSS Examples

Text

The CSS property to change the color of the text to Hex 87806C 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 #87806C looks like.

```
.text, #text, p{  
    color:#87806C  
}
```

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 #87806C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87806C
}
```

Border

The CSS property to change the border of an element to Hex 87806C is called "border". The border property can be set on classes, ids or directly on the HTML element.

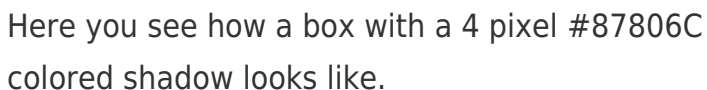
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87806C }
```

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

```
.border{ border-color:#87806C }
```

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



Here you see how a box with a 4 pixel `#87806C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87806C; -webkit-box-shadow:4px 4px  
4px 4px #87806C; box-shadow:4px 4px 4px  
4px #87806C }
```

Background

The CSS property to change the background color of an element to Hex 87806C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87806C }
```

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

```
.background{ background-color:#87806C }
```

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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