

Converting Colors

Hex(81846C)

Have a look what the booklet for
Hex(81846C) contains.

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Color

Hex(81846C)

Conversions

Conversions Part 1

Format	Color
Hex	81846C
RGB	129, 132, 108
RGB Percent	51%, 52%, 42%
CMY	0.4941, 0.4824, 0.5765
CMYK	0.02, 0.00, 0.18, 0.48
HSL	68°, 10%, 47%
HSV	68°, 18%, 52%
XYZ	20.0113, 22.2524, 17.4278
YIQ	128.3670, 5.9160, -8.1000

Conversions

Conversions Part 2

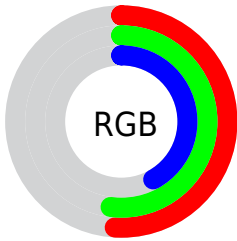
Format	Color
RYB	108, 132, 111
Decimal	8488044
CIELab	54.29, -5.54, 12.61
CIELCh	54, 13.769, 113.721
Yxy	22.2524, 0.3352, 0.3728
Android (android.graphics.Color)	4286678124 (0xFF81846C)
YUV	128.3670, -10.0409, 0.5551
Hunter-Lab	47.1724, -6.8291, 11.1161

Details

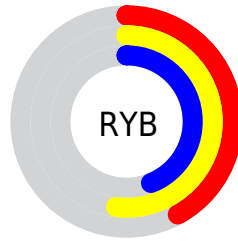
The Hex color **81846C** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **6F6C84**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B6B99F**, and **50533C** is the 20% darker color. If you saturate the color by 10%, you get **7F845F**, and if you desaturate by 10%, it is **838479**.

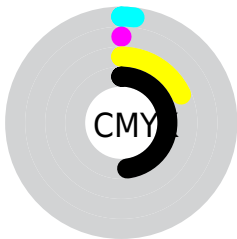
Distribution



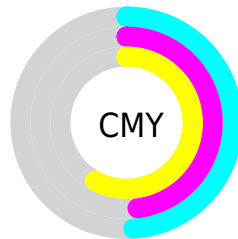
- Red (51%)
- Green (52%)
- Blue (42%)



- Red (42%)
- Yellow (52%)
- Blue (44%)



- Cyan (2%)
- Magenta (0%)
- Yellow (18%)
- Black (48%)



- Cyan (49%)
- Magenta (48%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81846C 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 81846C by changing the saturation by 10% instead.



81846C



81846C

FFFFFF



686B54



B6B99F



50533C



D2D5BA



383C27



EEF1D6



232612



FFFFFF3



0A1200



000000



81846C



81846C



7F845F



838479



7E8452



848486

7C8444

868494

7A8437

8884A1

79842A

8984AE

77841D

8B84BB

758410

8D84C8

748402

8E84D6

738400

9084E3

Harmonies

Analogous

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



8E806A



81846C



738773

Triad

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



81846C



668795



987A85

Complementary

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



81846C



6F6C84

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.



8F7C90



81846C



718499

Square

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



81846C



62898B



818097



9B7A79

Rectangle

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



81846C



6B887B



818097



967A89

Sweetspot

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



81846C



AAABA2



846F6C



565751



D6D6D6



575757

Same Dimension

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



81846C



A6AB85



75846C



41423C



728200



020300

Inverse Universe

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



6F6C84



8A85AB



7B6C84



3C3C42



100082



000003

Previews

White Background



This preview shows how the Hex color 81846C looks on a white background.

Color Contrast Check

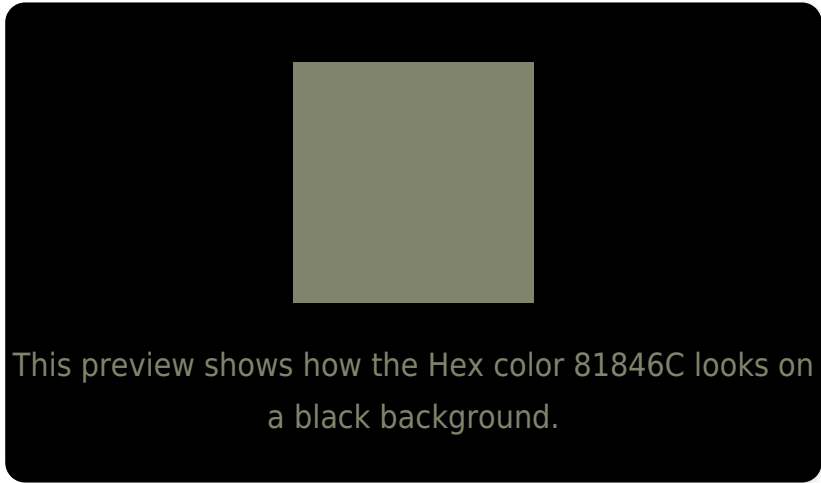
Large Text (above 18pt) WCAG AA ✓ Pass

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

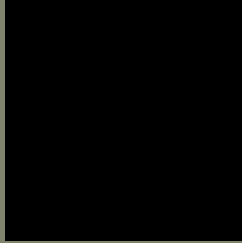
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

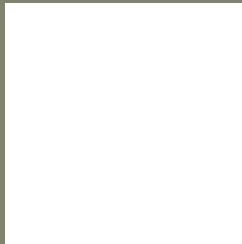
Any Text WCAG AAA × Fail

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

Hex 81846C Background



This preview shows how black text looks on a background with the Hex color 81846C.



This preview shows how white text looks on a background with the Hex color 81846C.

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
81846C

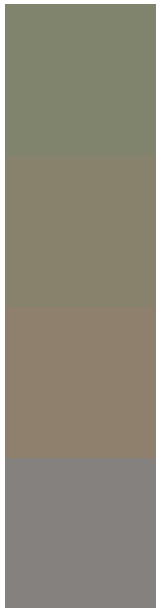
Protanopia
89816B

Deuteranopia
957D6D



Tritanopia
85808A

Trichromacy



Original Color
81846C

Protanomaly
86826B

Deuteranomaly
8E806D

Tritanomaly
84817F

Monochromacy



Original Color
81846C

Achromatopsia
808080

Achromatomaly
808179

CSS Examples

Text

The CSS property to change the color of the text to Hex 81846C 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 #81846C looks like.

```
.text, #text, p{  
    color:#81846C  
}
```

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 #81846C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81846C
}
```

Border

The CSS property to change the border of an element to Hex 81846C is called "border". The border property can be set on classes, ids or directly on the HTML element.

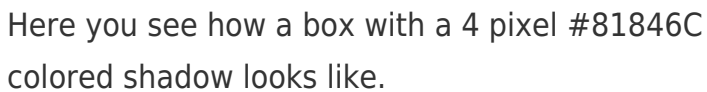
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81846C }
```

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

```
.border{ border-color:#81846C }
```

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



Here you see how a box with a 4 pixel #81846C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81846C; -webkit-box-shadow:4px 4px  
4px 4px #81846C; box-shadow:4px 4px 4px  
4px #81846C }
```

Background

The CSS property to change the background color of an element to Hex 81846C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81846C }
```

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

```
.background{ background-color:#81846C }
```

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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