

Converting Colors

Hex(817C76)

Have a look what the booklet for
Hex(817C76) contains.

Hex(817C76)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(817C76)

Conversions

Conversions Part 1

Format	Color
Hex	817C76
RGB	129, 124, 118
RGB Percent	51%, 49%, 46%
CMY	0.4941, 0.5137, 0.5373
CMYK	0.00, 0.04, 0.09, 0.49
HSL	33°, 4%, 48%
HSV	33°, 9%, 51%
XYZ	19.5309, 20.3904, 20.0459
YIQ	124.8110, 4.9060, -0.8060

Conversions

Conversions Part 2

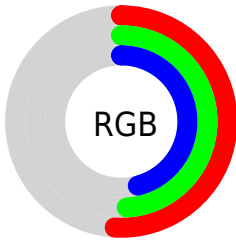
Format	Color
R_{YB}	127, 129, 118
Decimal	8486006
CIE Lab	52.28, 0.76, 3.94
CIE LCh	52, 4.013, 79.091
Yxy	20.3904, 0.3257, 0.3400
Android (android.graphics.Color)	4286676086 (0xFF817C76)
YUV	124.8110, -3.3578, 3.6738
Hunter-Lab	45.1558, -1.8172, 5.2886

Details

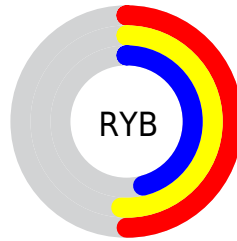
The Hex color **817C76** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **767B81**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B6B0AA**, and **504B46** is the 20% darker color. If you saturate the color by 10%, you get **817669**, and if you desaturate by 10%, it is **818283**.

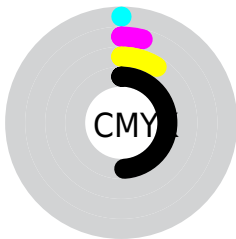
Distribution



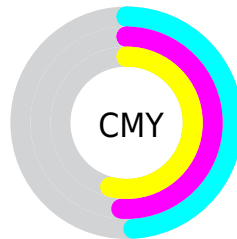
- Red (51%)
- Green (49%)
- Blue (46%)



- Red (50%)
- Yellow (51%)
- Blue (46%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (49%)



- Cyan (49%)
- Magenta (51%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 817C76 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 817C76 by changing the saturation by 10% instead.



817C76



817C76

FFFFFF



68635D



B6B0AA



504B46



D1CCC5



39352F



EEE8E1



23201B

FFFFFFE



0E0700



000000



817C76



817C76



817669



818283



81705C



818890

816A4F

818E9D

816542

8193AA

815F36

8199B7

815929

819FC3

81531C

81A5D0

814D0F

81ABDD

814702

81B1EA

Harmonies

Analogous

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



847B78



817C76



7D7D76

Triad

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



817C76



747F7F



807B81

Complementary

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



817C76



767B81

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.



7C7C83



817C76



757E82

Square

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



817C76



767F7B



787D83



837B7E

Rectangle

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



817C76



7B7E77



787D83



7F7B82

Sweetspot

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



817C76



A8A6A3



81767B



545351



D4D4D4



545454

Same Dimension

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



817C76



A8A197



818176



403D39



804600



000000

Inverse Universe

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



767B81



979FA8



767681



393C40



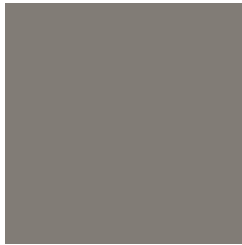
003A80



000000

Previews

White Background



This preview shows how the Hex color 817C76 looks on a white background.

Color Contrast Check

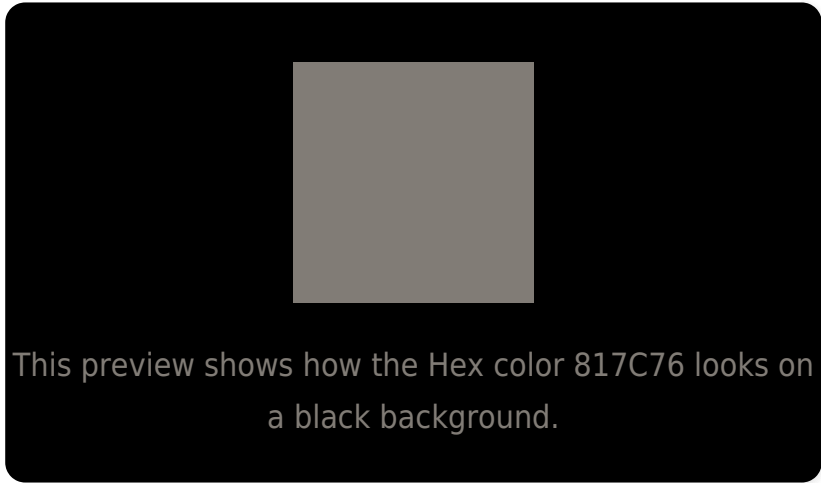
Large Text (above 18pt) WCAG AA ✓ Pass

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

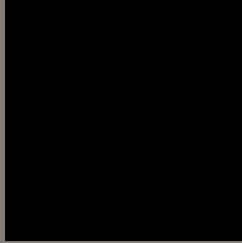
Any Text WCAG AA ✓ Pass

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 817C76 Background



This preview shows how black text looks on a background with the Hex color 817C76.



This preview shows how white text looks on a background with the Hex color 817C76.

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](#).

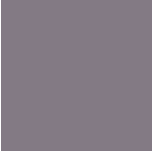
Dichromacy



Original Color
817C76

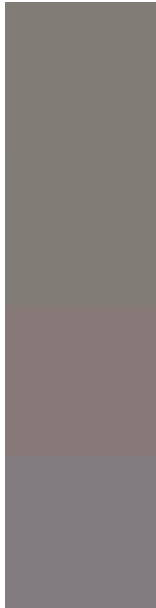
Protanopia
807C76

Deuteranopia
8B7877



Tritanopia
837A84

Trichromacy



Original Color
817C76

Protanomaly
807C76

Deuteranomaly
877977

Tritanomaly
827B7F

Monochromacy



Original Color
817C76

Achromatopsia
7D7D7D

Achromatomaly
7E7D7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 817C76 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 #817C76 looks like.

```
.text, #text, p{  
    color:#817C76  
}
```

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 #817C76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #817C76
}
```

Border

The CSS property to change the border of an element to Hex 817C76 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
#817C76 }
```

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

```
.border{ border-color:#817C76 }
```

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

Here you see how a box with a 4 pixel #817C76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #817C76; -webkit-box-shadow:4px 4px  
4px 4px #817C76; box-shadow:4px 4px 4px  
4px #817C76 }
```

Background

The CSS property to change the background color of an element to Hex 817C76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#817C76 }
```

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

```
.background{ background-color:#817C76 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor