

Converting Colors

Hex(00847D)

Have a look what the booklet for
Hex(00847D) contains.

Hex(00847D)	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(00847D)

Conversions

Conversions Part 1

Format	Color
Hex	00847D
RGB	0, 132, 125
RGB Percent	0%, 52%, 49%
CMY	1.0000, 0.4824, 0.5098
CMYK	1.00, 0.00, 0.05, 0.48
HSL	177°, 100%, 26%
HSV	177°, 100%, 52%
XYZ	11.9529, 17.9832, 22.2432
YIQ	91.7340, -76.4250, -30.1610

Conversions

Conversions Part 2

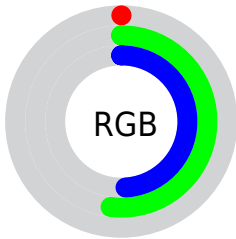
Format	Color
RYB	0, 68, 132
Decimal	33917
CIELab	49.48, -31.72, -4.90
CIELCh	49, 32.095, 188.783
Yxy	17.9832, 0.2291, 0.3446
Android (android.graphics.Color)	4278223997 (0xFF00847D)
YUV	91.7340, 16.4001, -80.4507
Hunter-Lab	42.4066, -23.8986, -1.4142

Details

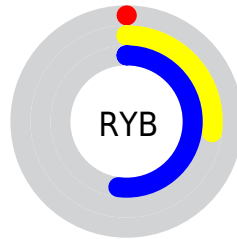
The Hex color **00847D** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **840007**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **53BAB2**, and **00524C** is the 20% darker color. If you saturate the color by 10%, you get **00847D**, and if you desaturate by 10%, it is **0D847E**.

Distribution



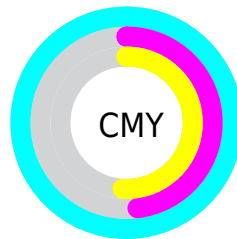
- Red (0%)
- Green (52%)
- Blue (49%)



- Red (0%)
- Yellow (27%)
- Blue (52%)



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (48%)



- Cyan (100%)
- Magenta (48%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00847D 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 00847D by changing the saturation by 10% instead.

 00847D

 00847D

FFFFFF

 006A64

 53BAB2

 00524C

 70D6CD

 003A36

 8DF2E9

 002520

 AAFFFF

 00000A

 C7FFFF

 000000

 E5FFFF

 00847D

 0D847E

 1A847E

 28847F

 358480

 428481

 4F8481

 5C8482

 6A8483

 778483

Harmonies

Analogous

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



3E8261



00847D



008397

Triad

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



00847D



836CA0



976D43

Complementary

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



00847D



840007

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.



A76455



00847D



9E638A

Square

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



00847D



5A76AB



AA606F



7F773F

Rectangle

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



00847D



0080A4



AA606F



9D6A48

Sweetspot

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



00847D



78ABA8



098400



375755



D6D6D6



575757

Same Dimension

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



00847D



00ABA2



004B84



3C4242



00827B



000302

Inverse Universe

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



840007



AB0009



843900



423C3C



820007



030000

Previews

White Background



This preview shows how the Hex color 00847D looks on a white background.

Color Contrast Check

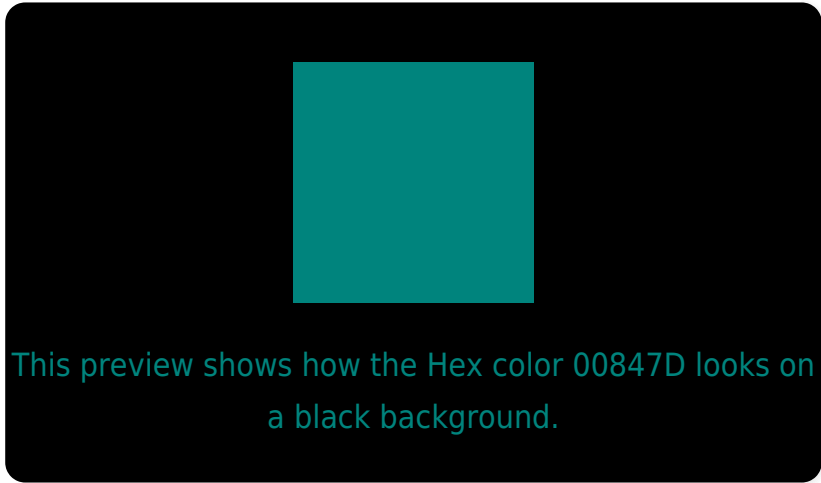
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

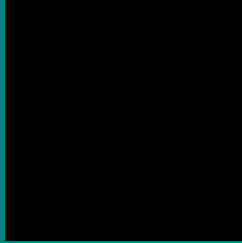
Any Text WCAG AA ✓ Pass

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 00847D Background



This preview shows how black text looks on a background with the Hex color 00847D.

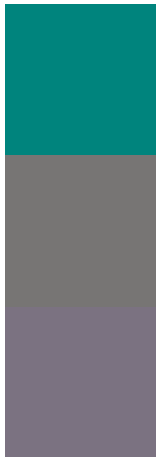


This preview shows how white text looks on a background with the Hex color 00847D.

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
00847D

Protanopia
777574

Deuteranopia
7B7281



Tritanopia
1E828C

Trichromacy



Original Color
00847D



Protanomaly
4C7A77



Deuteranomaly
4E7980



Tritanomaly
138387

Monochromacy



Original Color
00847D



Achromatopsia
5C5C5C



Achromatomaly
3B6B68

CSS Examples

Text

The CSS property to change the color of the text to Hex 00847D 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 #00847D looks like.

```
.text, #text, p{  
    color:#00847D  
}
```

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 #00847D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00847D
}
```

Border

The CSS property to change the border of an element to Hex 00847D 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
#00847D }
```

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

```
.border{ border-color:#00847D }
```

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

Here you see how a box with a 4 pixel #00847D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00847D; -webkit-box-shadow:4px 4px  
4px 4px #00847D; box-shadow:4px 4px 4px  
4px #00847D }
```

Background

The CSS property to change the background color of an element to Hex 00847D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00847D }
```

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

```
.background{ background-color:#00847D }
```

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