

# Converting Colors

Hex(807F73)

Have a look what the booklet for  
Hex(807F73) contains.

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# Color

**Hex(807F73)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	807F73
RGB	128, 127, 115
RGB Percent	50%, 50%, 45%
CMY	0.4980, 0.5020, 0.5490
CMYK	0.00, 0.01, 0.10, 0.50
HSL	55°, 5%, 48%
HSV	55°, 10%, 50%
XYZ	19.5860, 21.0057, 19.2419
YIQ	125.9310, 4.4480, -3.5200

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 128, 115
Decimal	8421235
CIELab	52.96, -1.89, 6.65
CIElCh	53, 6.919, 105.891
Yxy	21.0057, 0.3273, 0.3511
Android (android.graphics.Color)	4286611315 (0xFF807F73)
YUV	125.9310, -5.3890, 1.8145
Hunter-Lab	45.8320, -3.9254, 7.1904

# Details

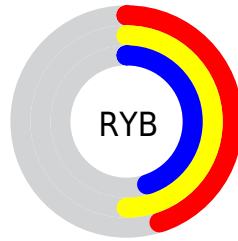
The Hex color **807F73** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **737480**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B5B4A7**, and **4F4E43** is the 20% darker color. If you saturate the color by 10%, you get **807E66**, and if you desaturate by 10%, it is **808080**.

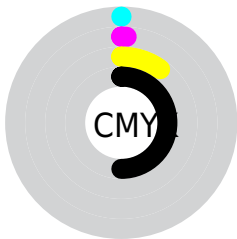
# Distribution



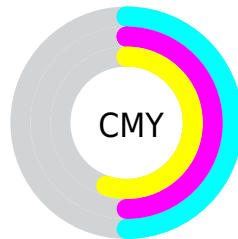
- Red (50%)
- Green (50%)
- Blue (45%)



- Red (45%)
- Yellow (50%)
- Blue (45%)



- Cyan (0%)
- Magenta (1%)
- Yellow (10%)
- Black (50%)



- Cyan (50%)
- Magenta (50%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 807F73 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 807F73 by changing the saturation by 10% instead.





807F73



807F73

FFFFFF



67665A



B5B4A7



4F4E43



D0CFC2



38372D



EDEBDE



222218



FFFFFFB



0C0C00



000000



807F73



807F73



807E66



808080



807D59



80818D

807C4D

808299

807B40

8083A6

807A33

8084B3

807926

8085C0

807819

8086CD

80770D

8087D9

807600

8088E6

# Harmonies

## Analogous

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



867D73



807F73



798176

# Triad

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



807F73



718187



897B81

# Complementary

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



807F73



737480

# 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.



837C87



807F73



75808A

# Square

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



807F73



708281



7C7E8A



8B7B7B

# Rectangle

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



807F73



758279



7C7E8A



877B83



# Sweetspot

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



807F73



A6A5A1



807374



545451



D4D4D4



545454



# Same Dimension

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



807F73



A6A492



7B8073



403F39



807600



000000



# Inverse Universe

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



737480



9293A6



787380



393A40



000A80

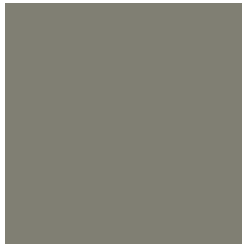


000000



# Previews

## White Background



This preview shows how the Hex color 807F73 looks on a white background.

## Color Contrast Check

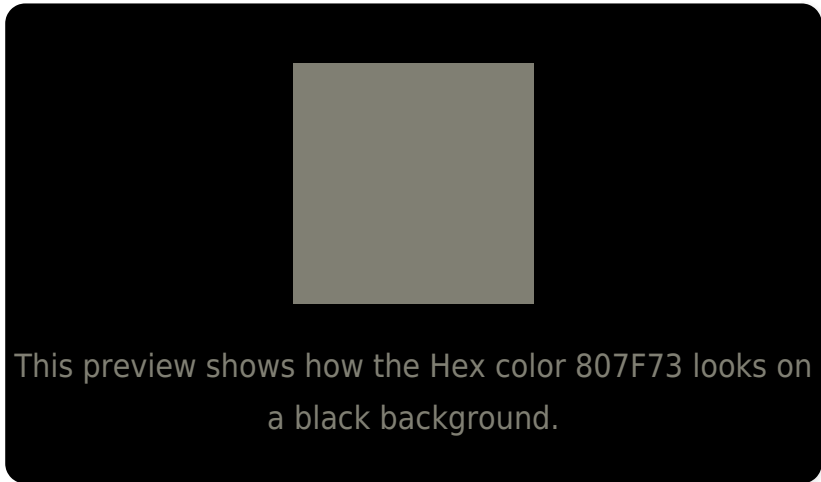
Large Text (above 18pt) WCAG AA ✓ Pass

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

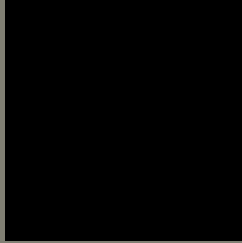
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

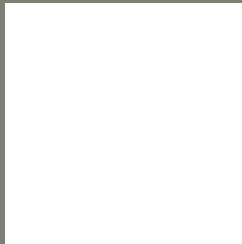
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 807F73 Background



This preview shows how black text looks on a background with the Hex color 807F73.



This preview shows how white text looks on a background with the Hex color 807F73.

# 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**  
807F73

**Protanopia**  
837E72

**Deuteranopia**  
8E7A74



**Tritanopia**  
837C86

# Trichromacy



**Original Color**  
807F73

**Protanomaly**  
827E72

**Deuteranomaly**  
897C74

**Tritanomaly**  
827D7F

# Monochromacy



**Original Color**  
807F73

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
7F7E7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 807F73 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 #807F73 looks like.

```
.text, #text, p{  
    color:#807F73  
}
```

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 #807F73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #807F73
}
```

## Border

The CSS property to change the border of an element to Hex 807F73 is called "border". The border property can be set on classes, ids or directly on the HTML element.

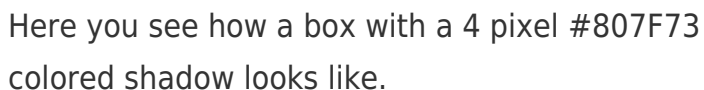
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#807F73 }
```

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

```
.border{ border-color:#807F73 }
```

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



Here you see how a box with a 4 pixel #807F73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #807F73; -webkit-box-shadow:4px 4px  
4px 4px #807F73; box-shadow:4px 4px 4px  
4px #807F73 }
```

# Background

The CSS property to change the background color of an element to Hex 807F73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#807F73 }
```

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

```
.background{ background-color:#807F73 }
```

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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