

# Converting Colors

Hex(85847F)

Have a look what the booklet for  
Hex(85847F) contains.

<b>Hex(85847F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(85847F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	85847F
RGB	133, 132, 127
RGB Percent	52%, 52%, 50%
CMY	0.4784, 0.4824, 0.5020
CMYK	0.00, 0.01, 0.05, 0.48
HSL	50°, 2%, 51%
HSV	50°, 5%, 52%
XYZ	21.7549, 23.0214, 23.3756
YIQ	131.7290, 2.2010, -1.3430

# Conversions

## Conversions Part 2

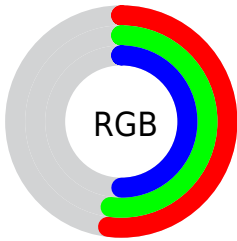
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 133, 127
Decimal	8750207
CIE Lab	55.09, -0.59, 2.82
CIE LCh	55, 2.881, 101.824
Yxy	23.0214, 0.3192, 0.3378
Android (android.graphics.Color)	4286940287 (0xFF85847F)
YUV	131.7290, -2.3314, 1.1147
Hunter-Lab	47.9806, -3.0323, 4.7010

# Details

The Hex color **85847F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7F8085**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **BAB9B4**, and **54534E** is the 20% darker color. If you saturate the color by 10%, you get **858272**, and if you desaturate by 10%, it is **85868C**.

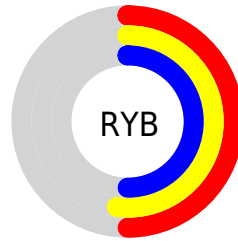
# Distribution



Red (52%)

Green (52%)

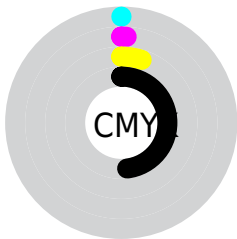
Blue (50%)



Red (50%)

Yellow (52%)

Blue (50%)

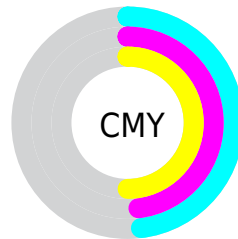


Cyan (0%)

Magenta (1%)

Yellow (5%)

Black (48%)



Cyan (48%)

Magenta (48%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85847F 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 85847F by changing the saturation by 10% instead.





85847F



85847F

FFFFFF



6C6B66



BAB9B4



54534E



D6D5CF



3C3C37



F2F1EB



272622



12110C



000000



85847F



85847F



858272



85868C



858064



85889A

 857D57

 858BA7

 857B4A

 858DB4

 85793C

 858FC2

 85772F

 8591CF

 857422

 8594DC

 857215

 8596E9

 857007

 8598F7

# Harmonies

## Analogous

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



88837F



85847F



828580

# Triad

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



85847F



7E8587



888285

# Complementary

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



85847F



7F8085

# 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.



868388



85847F



808589

# Square

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



85847F



7E8585



838489



898283

# Rectangle

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



85847F



808581



838489



878386



# Sweetspot

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



85847F



ADADAC



857F80



575756



D6D6D6



575757



# Same Dimension

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



85847F



ADACA5



83857F



42423E



826C00



030200



# Inverse Universe

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



7F8085



A5A6AD



817F85



3E3F42



001682



000003



# Previews

## White Background



This preview shows how the Hex color 85847F looks on a white background.

## Color Contrast Check

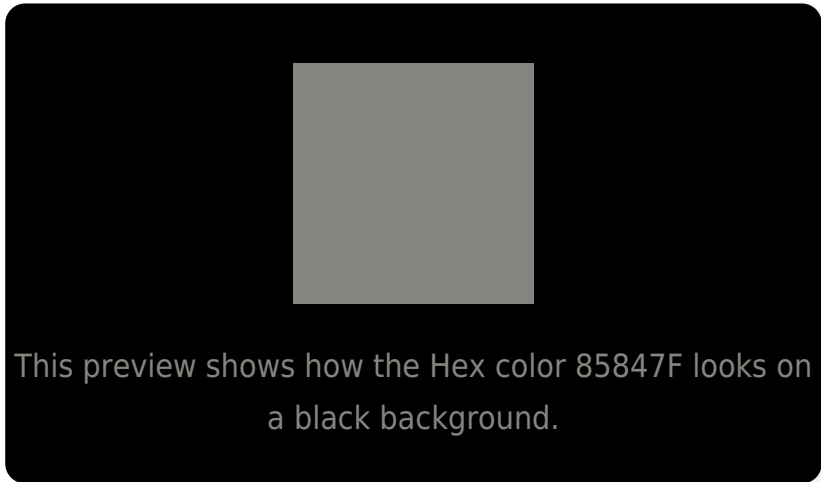
Large Text (above 18pt) WCAG AA ✓ Pass

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

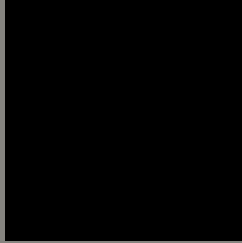
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

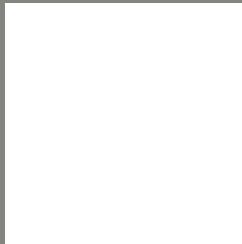
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 85847F Background



This preview shows how black text looks on a background with the Hex color 85847F.



This preview shows how white text looks on a background with the Hex color 85847F.

# 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**  
85847F

**Protanopia**  
87837F

**Deuteranopia**  
927F80



**Tritanopia**  
87828C

# Trichromacy



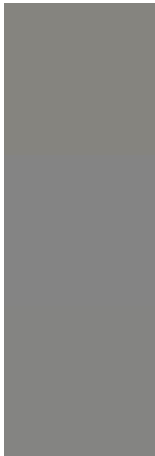
**Original Color**  
85847F

**Protanomaly**  
86837F

**Deuteranomaly**  
8D8180

**Tritanomaly**  
868387

# Monochromacy



**Original Color**  
85847F

**Achromatopsia**  
848484

**Achromatomaly**  
848482

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85847F 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 #85847F looks like.

```
.text, #text, p{  
    color:#85847F  
}
```

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 #85847F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85847F  
}
```

## Border

The CSS property to change the border of an element to Hex 85847F is called "border". The border property can be set on classes, ids or directly on the HTML element.

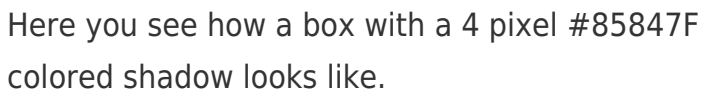
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#85847F }
```

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

```
.border{ border-color:#85847F }
```

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



Here you see how a box with a 4 pixel #85847F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85847F; -webkit-box-shadow:4px 4px  
4px 4px #85847F; box-shadow:4px 4px 4px  
4px #85847F }
```

# Background

The CSS property to change the background color of an element to Hex 85847F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85847F }
```

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

```
.background{ background-color:#85847F }
```

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