

# Converting Colors

Hex(847783)

Have a look what the booklet for  
Hex(847783) contains.

<b>Hex(847783)</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(847783)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	847783
RGB	132, 119, 131
RGB Percent	52%, 47%, 51%
CMY	0.4824, 0.5333, 0.4863
CMYK	0.00, 0.10, 0.01, 0.48
HSL	305°, 5%, 49%
HSV	305°, 10%, 52%
XYZ	20.2093, 19.7379, 24.2174
YIQ	124.2550, 3.8960, 6.4880

# Conversions

## Conversions Part 2

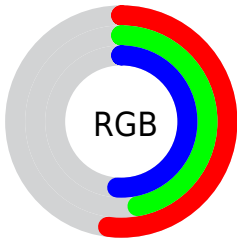
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 119, 131
Decimal	8681347
CIE Lab	51.54, 7.31, -4.73
CIE LCh	52, 8.706, 327.100
Yxy	19.7379, 0.3150, 0.3076
Android (android.graphics.Color)	4286871427 (0xFF847783)
YUV	124.2550, 3.3253, 6.7924
Hunter-Lab	44.4273, 3.4489, -1.2199

# Details

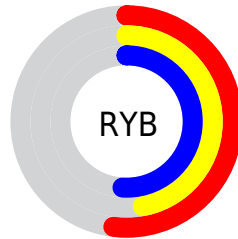
The Hex color **847783** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **778478**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B9ABB8**, and **534752** is the 20% darker color. If you saturate the color by 10%, you get **846A82**, and if you desaturate by 10%, it is **848484**.

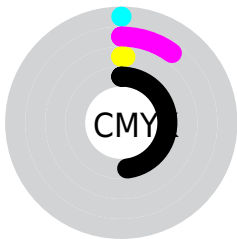
# Distribution



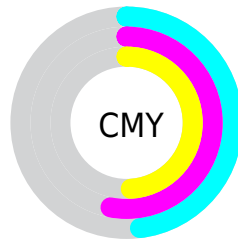
- Red (52%)
- Green (47%)
- Blue (51%)



- Red (52%)
- Yellow (47%)
- Blue (51%)



- Cyan (0%)
- Magenta (10%)
- Yellow (1%)
- Black (48%)



- Cyan (48%)
- Magenta (53%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 847783 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 847783 by changing the saturation by 10% instead.



■ 847783

■ 847783

FFFFFF

■ 6B5E6A

■ B9ABB8

■ 534752

■ D5C6D4

■ 3B303B

■ F1E3F0

■ 261B25

■ 120010

■ 000000

■ 847783

■ 847783

■ 846A82

■ 848484

■ 845D81

■ 849185

844F80

849F86

84427F

84AC87

84357E

84B988

84287D

84C689

841B7C

84D38A

840D7B

84E18B

84007A

84EE8C

# Harmonies

## Analogous

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



7B7988



847783



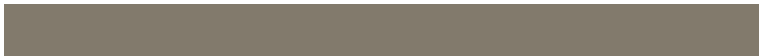
8A767C

# Triad

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



847783



827A6C



687F81

# Complementary

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



847783



778478

# 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.



6B7F7A



847783



797C6E

# Square

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



847783



88786F



717E73



6B7E87

# Rectangle

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



847783



8B7677



717E73



687F7F



# Sweetspot

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



847783



ABA6AA



787784



575356



D6D6D6



575757



# Same Dimension

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



847783



AB96A9



84777D



423C42



820078



030002



# Inverse Universe

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



847783



AB96A9



77847E



423C42



820078



030002



# Previews

## White Background



This preview shows how the Hex color 847783 looks on a white background.

## Color Contrast Check

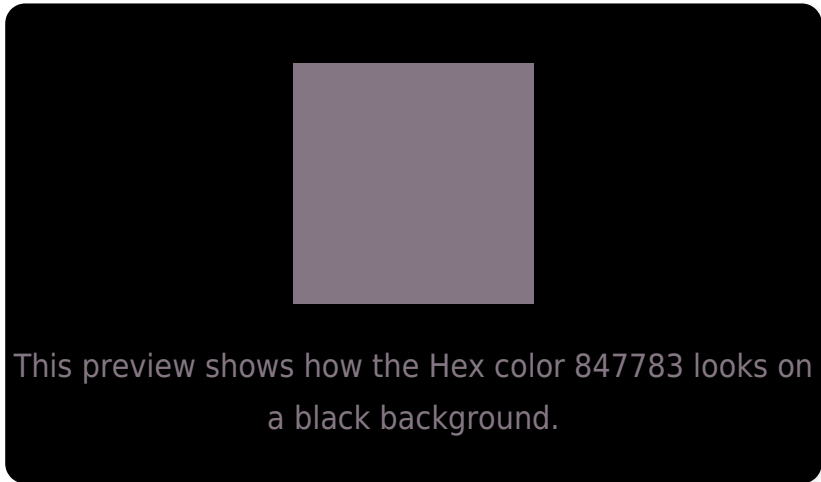
Large Text (above 18pt) WCAG AA ✓ Pass

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

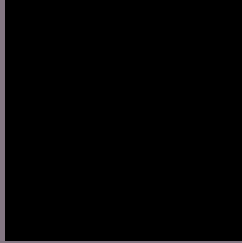
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 847783 Background



This preview shows how black text looks on a background with the Hex color 847783.

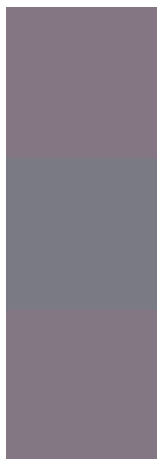


This preview shows how white text looks on a background with the Hex color 847783.

# 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**  
847783

**Protanopia**  
7A7A85

**Deuteranopia**  
837783



**Tritanopia**  
847781

# Trichromacy



**Original Color**  
847783

**Protanomaly**  
7E7984

**Deuteranomaly**  
837783

**Tritanomaly**  
847782

# Monochromacy



**Original Color**  
847783

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
7F7A7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 847783 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 #847783 looks like.

```
.text, #text, p{  
    color:#847783  
}
```

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 #847783 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #847783
}
```

## Border

The CSS property to change the border of an element to Hex 847783 is called "border". The border property can be set on classes, ids or directly on the HTML element.

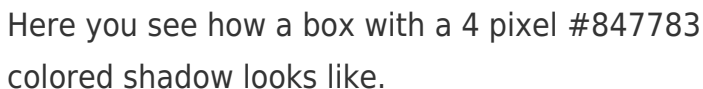
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#847783 }
```

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

```
.border{ border-color:#847783 }
```

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



Here you see how a box with a 4 pixel #847783 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #847783; -webkit-box-shadow:4px 4px  
4px 4px #847783; box-shadow:4px 4px 4px  
4px #847783 }
```

# Background

The CSS property to change the background color of an element to Hex 847783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#847783 }
```

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

```
.background{ background-color:#847783 }
```

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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