

# Converting Colors

Hex(847E82)

Have a look what the booklet for  
Hex(847E82) contains.

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# Color

Hex(847E82)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	847E82
RGB	132, 126, 130
RGB Percent	52%, 49%, 51%
CMY	0.4824, 0.5059, 0.4902
CMYK	0.00, 0.05, 0.02, 0.48
HSL	320°, 2%, 51%
HSV	320°, 5%, 52%
XYZ	21.0058, 21.4389, 24.1501
YIQ	128.2500, 2.2920, 2.5160

# Conversions

## Conversions Part 2

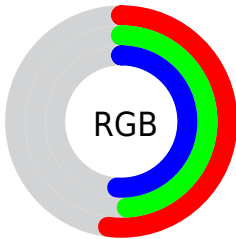
<b>Format</b>	<b>Color</b>
<b>RYB</b>	132, 126, 130
Decimal	8683138
CIELab	53.43, 3.05, -1.36
CIELCh	53, 3.338, 335.893
Yxy	21.4389, 0.3154, 0.3219
Android (android.graphics.Color)	4286873218 (0xFF847E82)
YUV	128.2500, 0.8628, 3.2888
Hunter-Lab	46.3022, -0.0491, 1.4873

# Details

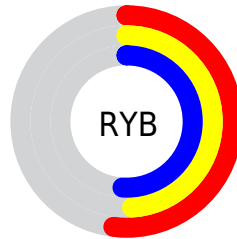
The Hex color **847E82** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7E8480**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B9B3B7**, and **534D51** is the 20% darker color. If you saturate the color by 10%, you get **84717E**, and if you desaturate by 10%, it is **848B86**.

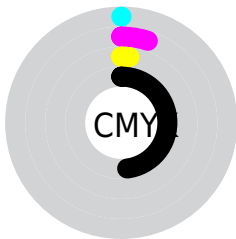
# Distribution



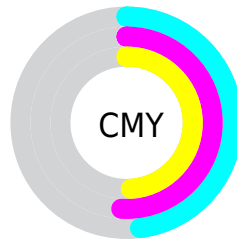
- Red (52%)
- Green (49%)
- Blue (51%)



- Red (52%)
- Yellow (49%)
- Blue (51%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (48%)



- Cyan (48%)
- Magenta (51%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 847E82 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 847E82 by changing the saturation by 10% instead.



■ 847E82

■ 847E82

FFFFFF

■ 6B6569

■ B9B3B7

■ 534D51

■ D5CED2

■ 3C363A

■ F1EAEF

■ 262124

■ 110A0F

■ 000000

■ 847E82

■ 847E82

■ 84717E

■ 848B86

■ 846479

■ 84988B

845675

84A68F

844970

84B394

843C6C

84C098

842F68

84CD9C

842263

84DAA1

84145F

84E8A5

84075A

84F5AA

# Harmonies

## Analogous

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



817F84



847E82



867E7F

# Triad

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



847E82



82807A



798183

# Complementary

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



847E82



7E8480

# 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.



798180



847E82



7E807B

# Square

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



847E82



847F7A



7B817D



7A8185

# Rectangle

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



847E82



867E7D



7B817D



798182



# Sweetspot

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



847E82



ABA9AA



807E84



575656



D6D6D6



575757



# Same Dimension

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



847E82



ABA2A8



847E7F



423E41



820057



030002



# Inverse Universe

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



847E82



ABA2A8



7E8483



423E41



820057



030002



# Previews

## White Background



This preview shows how the Hex color 847E82 looks on a white background.

## Color Contrast Check

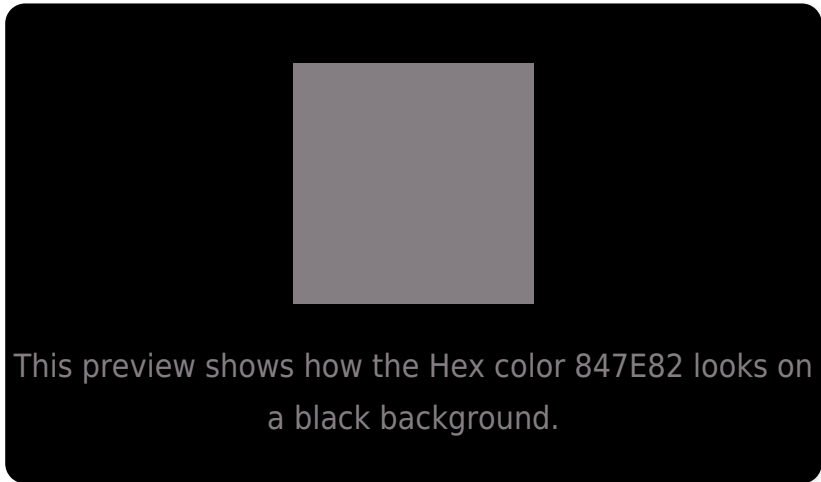
Large Text (above 18pt) WCAG AA ✓ Pass

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

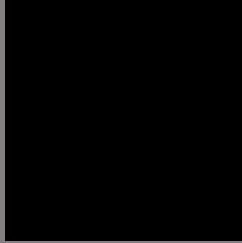
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

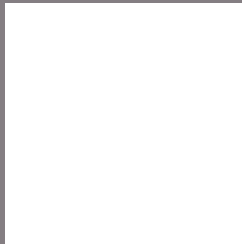
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 847E82 Background



This preview shows how black text looks on a background with the Hex color 847E82.



This preview shows how white text looks on a background with the Hex color 847E82.

# 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**

847E82

**Protanopia**

817F83

**Deuteranopia**

8B7C82



**Tritanopia**  
857D87

# Trichromacy



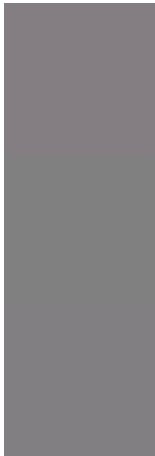
**Original Color**  
847E82

**Protanomaly**  
827F83

**Deuteranomaly**  
887D82

**Tritanomaly**  
857D85

# Monochromacy



**Original Color**  
847E82

**Achromatopsia**  
808080

**Achromatomaly**  
817F81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 847E82 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 #847E82 looks like.

```
.text, #text, p{  
    color:#847E82  
}
```

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 #847E82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #847E82
}
```

## Border

The CSS property to change the border of an element to Hex 847E82 is called "border". The border property can be set on classes, ids or directly on the HTML element.

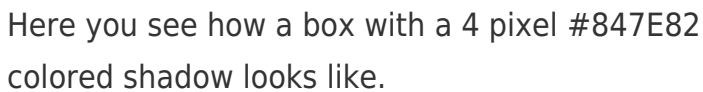
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#847E82 }
```

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

```
.border{ border-color:#847E82 }
```

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



Here you see how a box with a 4 pixel #847E82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #847E82; -webkit-box-shadow:4px 4px  
4px 4px #847E82; box-shadow:4px 4px 4px  
4px #847E82 }
```

# Background

The CSS property to change the background color of an element to Hex 847E82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#847E82 }
```

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

```
.background{ background-color:#847E82 }
```

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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