

# Converting Colors

Hex(847C99)

Have a look what the booklet for  
Hex(847C99) contains.

<b>Hex(847C99)</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(847C99)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	847C99
RGB	132, 124, 153
RGB Percent	52%, 49%, 60%
CMY	0.4824, 0.5137, 0.4000
CMYK	0.14, 0.19, 0.00, 0.40
HSL	257°, 12%, 54%
HSV	257°, 19%, 60%
XYZ	22.4731, 21.6207, 33.1258
YIQ	129.6980, -4.5410, 10.7150

# Conversions

## Conversions Part 2

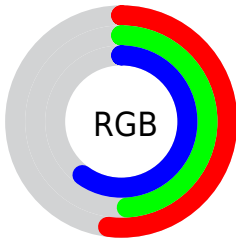
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 124, 153
Decimal	8682649
CIE <sub>Lab</sub>	53.62, 9.08, -14.47
CIE <sub>LCh</sub>	54, 17.089, 302.112
Yxy	21.6207, 0.2910, 0.2800
Android (android.graphics.Color)	4286872729 (0xFF847C99)
YUV	129.6980, 11.4879, 2.0189
Hunter-Lab	46.4981, 4.8997, -9.6901

# Details

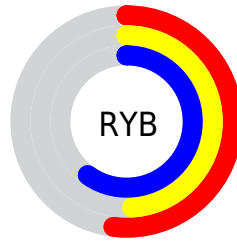
The Hex color **847C99** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **91997C**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **B9B1CF**, and **524B66** is the 20% darker color. If you saturate the color by 10%, you get **796D99**, and if you desaturate by 10%, it is **8F8B99**.

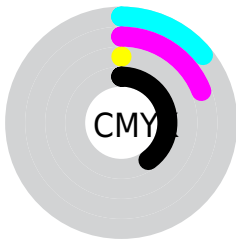
# Distribution



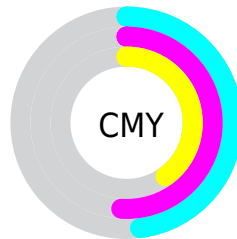
- Red (52%)
- Green (49%)
- Blue (60%)



- Red (52%)
- Yellow (49%)
- Blue (60%)



- Cyan (14%)
- Magenta (19%)
- Yellow (0%)
- Black (40%)



- Cyan (48%)
- Magenta (51%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 847C99 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 847C99 by changing the saturation by 10% instead.



■ 847C99

■ 847C99

FFFFFF

■ 6B637F

■ B9B1CF

■ 524B66

■ D5CCEC

■ 3B354E

■ F1E8FF

■ 251F37

■ 110822

■ 000008

■ 000000

■ 847C99

■ 847C99

■ 796D99

■ 8F8B99

6E5D99

9A9B99

634E99

A5AA99

583F99

B0B999

4D3099

BBC999

422099

C6D899

361199

D2E799

2B0299

DDF699

2A0099

E8FF99

# Harmonies

## Analogous

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



70819D



847C99



94788E

# Triad

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



847C99



977B67



5C8981

# Complementary

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



847C99



91997C

# 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.



698772



847C99



8A7F63

# Square

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



847C99



9E7771



7A8467



57888F

# Rectangle

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



847C99



9B7685



7A8467



60887C



# Sweetspot

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



847C99



BEBBC7



7C9199



5E5C63



E3E3E3



636363



# Same Dimension

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



847C99



A699C7



927C99



47454D



27008C



04000D



# Inverse Universe

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



997C91



C799BA



83997C



4D454A



8C0066



0D0009



# Previews

## White Background



This preview shows how the Hex color 847C99 looks on a white background.

## Color Contrast Check

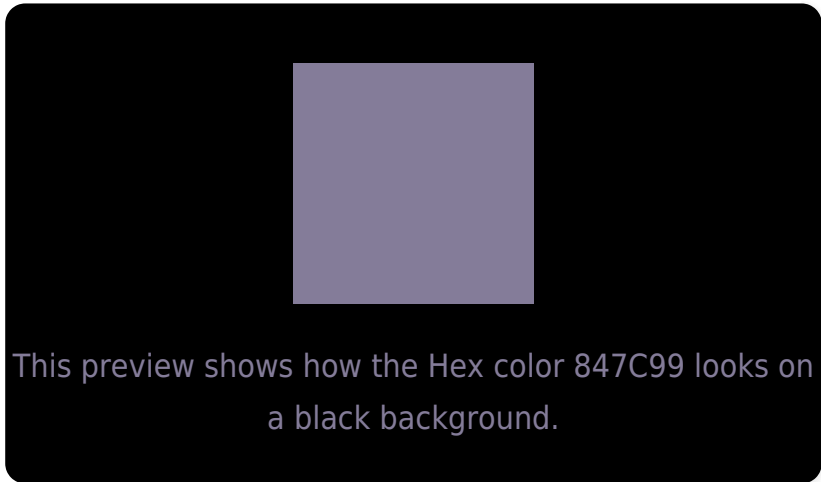
Large Text (above 18pt) WCAG AA ✓ Pass

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

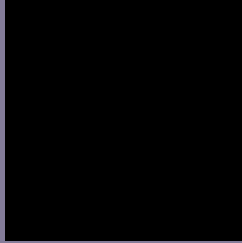
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 847C99 Background



This preview shows how black text looks on a background with the Hex color 847C99.



This preview shows how white text looks on a background with the Hex color 847C99.

# 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**  
847C99

**Protanopia**  
7A7F9B

**Deuteranopia**  
807D99



**Tritanopia**  
817F89

# Trichromacy



**Original Color**  
847C99

**Protanomaly**  
7E7E9A

**Deuteranomaly**  
817D99

**Tritanomaly**  
827E8F

# Monochromacy



**Original Color**  
847C99

**Achromatopsia**  
828282

**Achromatomaly**  
83808A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 847C99 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 #847C99 looks like.

```
.text, #text, p{  
    color:#847C99  
}
```

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 #847C99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #847C99
}
```

## Border

The CSS property to change the border of an element to Hex 847C99 is called "border". The border property can be set on classes, ids or directly on the HTML element.

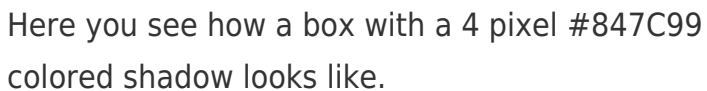
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#847C99 }
```

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

```
.border{ border-color:#847C99 }
```

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



Here you see how a box with a 4 pixel #847C99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #847C99; -webkit-box-shadow:4px 4px  
4px 4px #847C99; box-shadow:4px 4px 4px  
4px #847C99 }
```

# Background

The CSS property to change the background color of an element to Hex 847C99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#847C99 }
```

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

```
.background{ background-color:#847C99 }
```

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