

Converting Colors

Hex(837A99)

Have a look what the booklet for
Hex(837A99) contains.

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Color

Hex(837A99)

Conversions

Conversions Part 1

Format	Color
Hex	837A99
RGB	131, 122, 153
RGB Percent	51%, 48%, 60%
CMY	0.4863, 0.5216, 0.4000
CMYK	0.14, 0.20, 0.00, 0.40
HSL	257°, 13%, 54%
HSV	257°, 20%, 60%
XYZ	22.0694, 21.0443, 33.0358
YIQ	128.2250, -4.5870, 11.5490

Conversions

Conversions Part 2

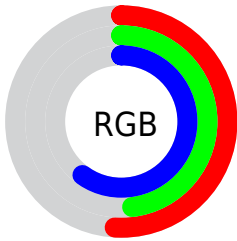
Format	Color
R_{YB}	131, 122, 153
Decimal	8616601
CIE Lab	53.00, 9.91, -15.43
CIE LCh	53, 18.339, 302.719
Yxy	21.0443, 0.2898, 0.2764
Android (android.graphics.Color)	4286806681 (0xFF837A99)
YUV	128.2250, 12.2141, 2.4337
Hunter-Lab	45.8740, 5.5944, -10.5853

Details

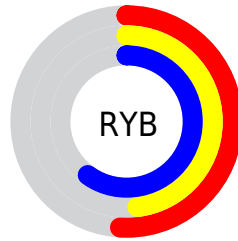
The Hex color **837A99** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **90997A**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B8AECF**, and **514966** is the 20% darker color. If you saturate the color by 10%, you get **786B99**, and if you desaturate by 10%, it is **8E8999**.

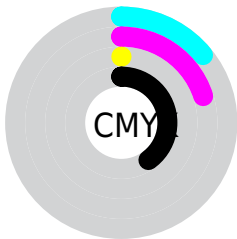
Distribution



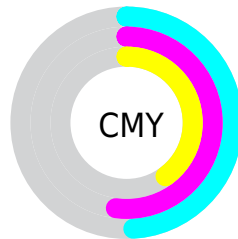
- Red (51%)
- Green (48%)
- Blue (60%)



- Red (51%)
- Yellow (48%)
- Blue (60%)



- Cyan (14%)
- Magenta (20%)
- Yellow (0%)
- Black (40%)



- Cyan (49%)
- Magenta (52%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 837A99 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 837A99 by changing the saturation by 10% instead.

■ 837A99

■ 837A99

FFFFFF

■ 6A617F

■ B8AECF

■ 514966

■ D4CAEC

■ 3A334E

■ F0E6FF

■ 241E37

■ 100522

■ 000008

■ 000000

■ 837A99

■ 837A99

■ 786B99

■ 8E8999

6D5B99

999999

624C99

A4A899

583D99

AEB799

4D2E99

B9C799

421E99

C4D699

370F99

CFE599

2C0099

DAF499

E5FF99

Harmonies

Analogous

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



6E7F9E



837A99



94758D

Triad

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



837A99



977963



57887F

Complementary

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



837A99



90997A

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.



668670



837A99



897E5F

Square

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



837A99



9E756E



788364



52878F

Rectangle

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



837A99



9B7483



788364



5B877A

Sweetspot

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



837A99



BEBBC7



7A9099



5F5C63



E3E3E3



636363

Same Dimension

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



837A99



A597C7



927A99



47454D



29008C



04000D

Inverse Universe

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



997A90



C797B9



81997A



4D454A



8C0064



0D0009

Previews

White Background



This preview shows how the Hex color 837A99 looks on a white background.

Color Contrast Check

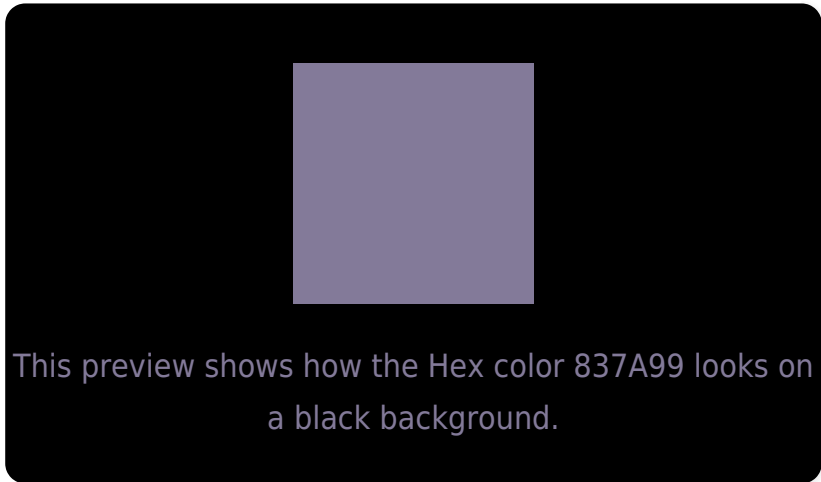
Large Text (above 18pt) WCAG AA ✓ Pass

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

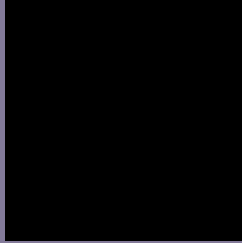
Any Text WCAG AA ✓ Pass

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 837A99 Background



This preview shows how black text looks on a background with the Hex color 837A99.



This preview shows how white text looks on a background with the Hex color 837A99.

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
837A99

Protanopia
787D9B

Deuteranopia
7E7C99



Tritanopia
807D87

Trichromacy



Original Color
837A99

Protanomaly
7C7C9A

Deuteranomaly
807B99

Tritanomaly
817C8E

Monochromacy



Original Color
837A99

Achromatopsia
808080

Achromatomaly
817E89

CSS Examples

Text

The CSS property to change the color of the text to Hex 837A99 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 #837A99 looks like.

```
.text, #text, p{  
    color:#837A99  
}
```

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 #837A99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837A99
}
```

Border

The CSS property to change the border of an element to Hex 837A99 is called "border". The border property can be set on classes, ids or directly on the HTML element.

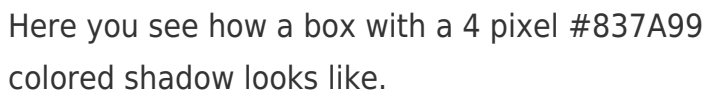
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#837A99 }
```

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

```
.border{ border-color:#837A99 }
```

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



Here you see how a box with a 4 pixel #837A99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837A99; -webkit-box-shadow:4px 4px  
4px 4px #837A99; box-shadow:4px 4px 4px  
4px #837A99 }
```

Background

The CSS property to change the background color of an element to Hex 837A99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837A99 }
```

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

```
.background{ background-color:#837A99 }
```

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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