

Converting Colors

Hex(847495)

Have a look what the booklet for
Hex(847495) contains.

Hex(847495)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(847495)

Conversions

Conversions Part 1

Format	Color
Hex	847495
RGB	132, 116, 149
RGB Percent	52%, 45%, 58%
CMY	0.4824, 0.5451, 0.4157
CMYK	0.11, 0.22, 0.00, 0.42
HSL	269°, 13%, 52%
HSV	269°, 22%, 58%
XYZ	21.1859, 19.5662, 31.0938
YIQ	124.5460, -1.0570, 13.6550

Conversions

Conversions Part 2

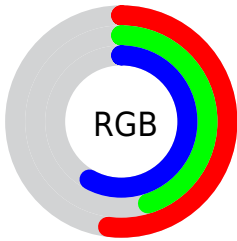
Format	Color
R_{YB}	132, 116, 149
Decimal	8680597
CIE _{Lab}	51.34, 12.89, -15.60
CIE _{LCh}	51, 20.232, 309.570
Yxy	19.5662, 0.2949, 0.2723
Android (android.graphics.Color)	4286870677 (0xFF847495)
YUV	124.5460, 12.0558, 6.5372
Hunter-Lab	44.2337, 8.0842, -10.7139

Details

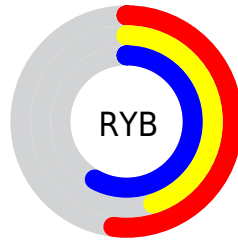
The Hex color **847495** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **859574**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B9A8CB**, and **524462** is the 20% darker color. If you saturate the color by 10%, you get **7C6595**, and if you desaturate by 10%, it is **8C8395**.

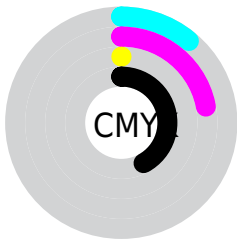
Distribution



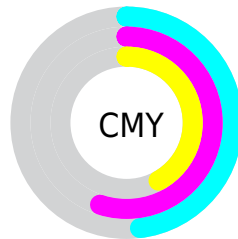
- Red (52%)
- Green (45%)
- Blue (58%)



- Red (52%)
- Yellow (45%)
- Blue (58%)



- Cyan (11%)
- Magenta (22%)
- Yellow (0%)
- Black (42%)



- Cyan (48%)
- Magenta (55%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 847495 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 847495 by changing the saturation by 10% instead.

■ 847495

■ 847495

FFFFFF

■ 6B5B7B

■ B9A8CB

■ 524462

■ D5C3E7

■ 3B2D4A

■ F2DFFF

■ 251934

■ FFFCFF

■ 12001F

■ 000002

■ 000000

■ 847495

■ 847495

■ 7C6595

■ 8C8395

755695

939295

6D4795

9BA195

653895

A3B095

5E2A95

AABF95

561B95

B2CD95

4E0C95

BADC95

480095

C1EB95

C9FA95

Harmonies

Analogous

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



6D7A9C



847495



956F87

Triad

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



847495



91755A



4B847F

Complementary

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



847495



859574

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.



5A836E



847495



817B58

Square

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



847495



9B7065



6E805F



488390

Rectangle

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



847495



9C6E7B



6E805F



4F8479

Sweetspot

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



847495



BBB4C2



748595



5D5961



E0E0E0



616161

Same Dimension

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



847495



A78DC2



947495



46434A



43008A



05000A

Inverse Universe

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



957485



C28DA8



759574



4A4346



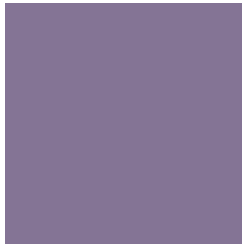
8A0047



0A0005

Previews

White Background



This preview shows how the Hex color 847495 looks on a white background.

Color Contrast Check

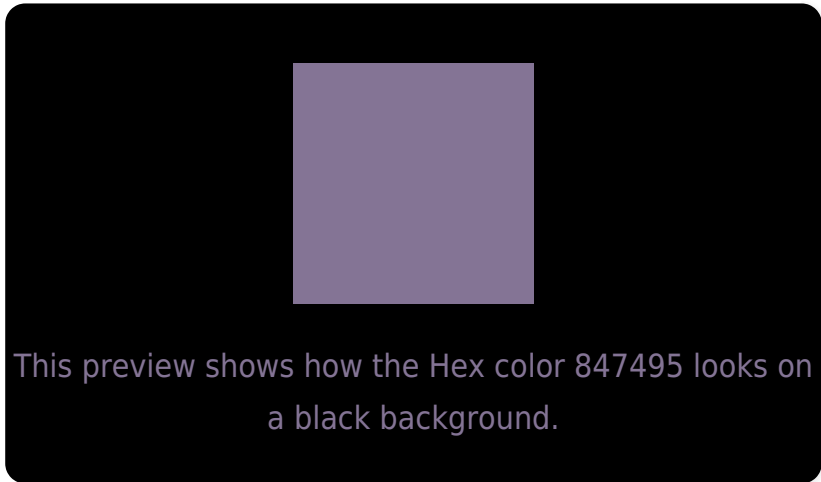
Large Text (above 18pt) WCAG AA ✓ Pass

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

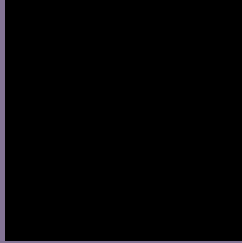
Any Text WCAG AA ✓ Pass

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 847495 Background



This preview shows how black text looks on a background with the Hex color 847495.

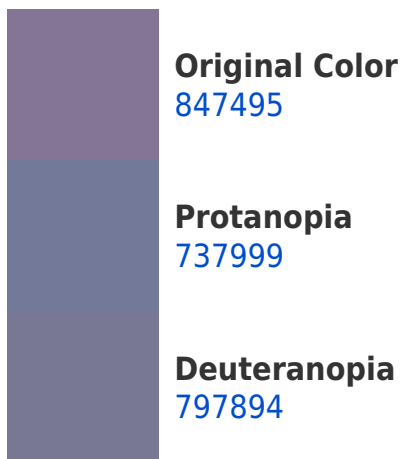


This preview shows how white text looks on a background with the Hex color 847495.

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





Tritanopia
817881

Trichromacy



Original Color
847495

Protanomaly
797798

Deuteranomaly
7D7794

Tritanomaly
827788

Monochromacy



Original Color
847495

Achromatopsia
7D7D7D

Achromatomaly
807A86

CSS Examples

Text

The CSS property to change the color of the text to Hex 847495 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 #847495 looks like.

```
.text, #text, p{  
    color:#847495  
}
```

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 #847495 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #847495
}
```

Border

The CSS property to change the border of an element to Hex 847495 is called "border". The border property can be set on classes, ids or directly on the HTML element.

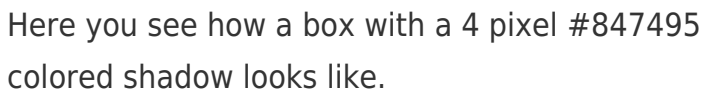
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#847495 }
```

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

```
.border{ border-color:#847495 }
```

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



Here you see how a box with a 4 pixel #847495 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #847495; -webkit-box-shadow:4px 4px  
4px 4px #847495; box-shadow:4px 4px 4px  
4px #847495 }
```

Background

The CSS property to change the background color of an element to Hex 847495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#847495 }
```

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

```
.background{ background-color:#847495 }
```

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