

Converting Colors

Hex(847395)

Have a look what the booklet for
Hex(847395) contains.

Hex(847395)	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(847395)

Conversions

Conversions Part 1

Format	Color
Hex	847395
RGB	132, 115, 149
RGB Percent	52%, 45%, 58%
CMY	0.4824, 0.5490, 0.4157
CMYK	0.11, 0.23, 0.00, 0.42
HSL	270°, 14%, 52%
HSV	270°, 23%, 58%
XYZ	21.0713, 19.3369, 31.0556
YIQ	123.9590, -0.7820, 14.1780

Conversions

Conversions Part 2

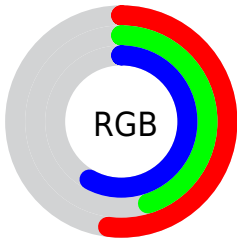
Format	Color
R _Y B	132, 115, 149
Decimal	8680341
CIE Lab	51.08, 13.48, -16.00
CIE LCh	51, 20.919, 310.117
Yxy	19.3369, 0.2949, 0.2706
Android (android.graphics.Color)	4286870421 (0xFF847395)
YUV	123.9590, 12.3452, 7.0520
Hunter-Lab	43.9738, 8.5792, -11.0907

Details

The Hex color **847395** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **849573**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B9A7CB**, and **524362** is the 20% darker color. If you saturate the color by 10%, you get **7D6495**, and if you desaturate by 10%, it is **8B8295**.

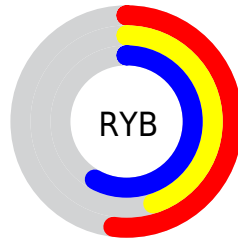
Distribution



Red (52%)

Green (45%)

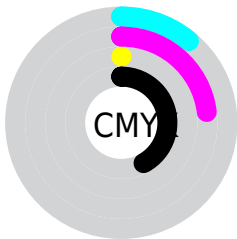
Blue (58%)



Red (52%)

Yellow (45%)

Blue (58%)

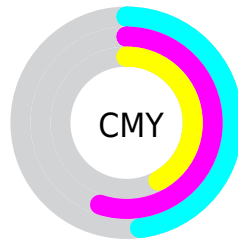


Cyan (11%)

Magenta (23%)

Yellow (0%)

Black (42%)



Cyan (48%)

Magenta (55%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 847395 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 847395 by changing the saturation by 10% instead.

■ 847395

■ 847395

FFFFFF

■ 6B5A7B

■ B9A7CB

■ 524362

■ D5C2E7

■ 3B2D4A

■ F2DEFF

■ 251834

■ FFFBFF

■ 12001F

■ 000002

■ 000000

■ 847395

■ 847395

■ 7D6495

■ 8B8295

755595

939195

6E4695

9AA095

663795

A2AF95

5F2995

A9BE95

571A95

B1CC95

500B95

B8DB95

4B0095

C0EA95

C7F995

Harmonies

Analogous

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



6C799D



847395



966E86

Triad

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



847395



917459



48847F

Complementary

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



847395



849573

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.



58836D



847395



807A56

Square

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



847395



9C6F63



6D7F5E



458290

Rectangle

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



847395



9C6D7A



6D7F5E



4C8479

Sweetspot

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



847395



BBB4C2



738495



5D5961



E0E0E0



616161

Same Dimension

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



847395



A88DC2



957395



46434A



45008A



05000A

Inverse Universe

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



957384



C28DA8



739573



4A4346



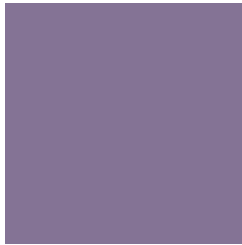
8A0045



0A0005

Previews

White Background



This preview shows how the Hex color 847395 looks on a white background.

Color Contrast Check

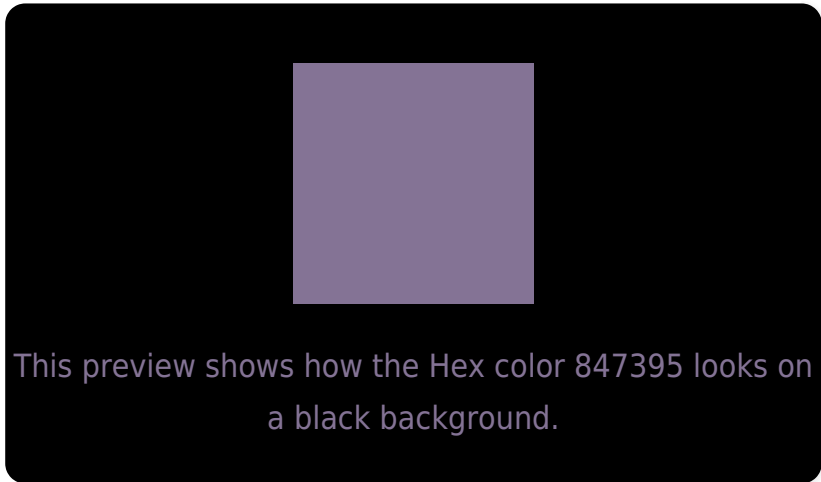
Large Text (above 18pt) WCAG AA ✓ Pass

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

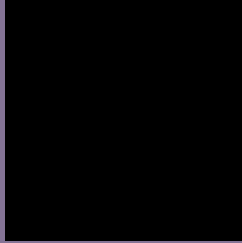
Any Text WCAG AA ✓ Pass

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 847395 Background



This preview shows how black text looks on a background with the Hex color 847395.



This preview shows how white text looks on a background with the Hex color 847395.

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
847395

Protanopia
727899

Deuteranopia
787794



Tritanopia
817780

Trichromacy



Original Color
847395

Protanomaly
797698

Deuteranomaly
7C7694

Tritanomaly
827688

Monochromacy



Original Color
847395

Achromatopsia
7C7C7C

Achromatomaly
7F7985

CSS Examples

Text

The CSS property to change the color of the text to Hex 847395 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 #847395 looks like.

```
.text, #text, p{  
    color:#847395  
}
```

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 #847395 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #847395
}
```

Border

The CSS property to change the border of an element to Hex 847395 is called "border". The border property can be set on classes, ids or directly on the HTML element.

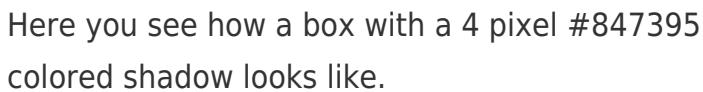
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#847395 }
```

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

```
.border{ border-color:#847395 }
```

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



Here you see how a box with a 4 pixel #847395 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #847395; -webkit-box-shadow:4px 4px  
4px 4px #847395; box-shadow:4px 4px 4px  
4px #847395 }
```

Background

The CSS property to change the background color of an element to Hex 847395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#847395 }
```

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

```
.background{ background-color:#847395 }
```

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