

# Converting Colors

Hex(847389)

Have a look what the booklet for  
Hex(847389) contains.

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# Color

**Hex(847389)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	847389
RGB	132, 115, 137
RGB Percent	52%, 45%, 54%
CMY	0.4824, 0.5490, 0.4627
CMYK	0.04, 0.16, 0.00, 0.46
HSL	286°, 9%, 49%
HSV	286°, 16%, 54%
XYZ	20.1618, 18.9731, 26.2665
YIQ	122.5910, 3.0700, 10.4460

# Conversions

## Conversions Part 2

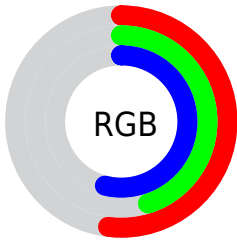
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 115, 137
Decimal	8680329
CIE <sub>Lab</sub>	50.66, 10.89, -9.58
CIE <sub>LCh</sub>	51, 14.500, 318.655
Yxy	18.9731, 0.3083, 0.2901
Android (android.graphics.Color)	4286870409 (0xFF847389)
YUV	122.5910, 7.1036, 8.2517
Hunter-Lab	43.5582, 6.3957, -5.2623

# Details

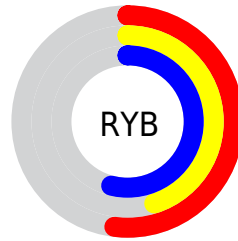
The Hex color **847389** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **788973**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B9A7BE**, and **524357** is the 20% darker color. If you saturate the color by 10%, you get **816589**, and if you desaturate by 10%, it is **878189**.

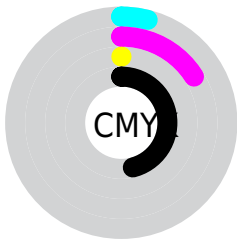
# Distribution



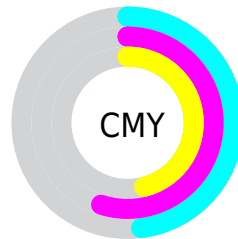
- Red (52%)
- Green (45%)
- Blue (54%)



- Red (52%)
- Yellow (45%)
- Blue (54%)



- Cyan (4%)
- Magenta (16%)
- Yellow (0%)
- Black (46%)



- Cyan (48%)
- Magenta (55%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 847389 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 847389 by changing the saturation by 10% instead.



847389

847389

FFFFFF

6B5A70

B9A7BE

524357

D5C2DA

3B2D40

F1DEF7

25182A

FFFBFF

120016

000000

847389

847389

816589

878189

7E5889

8A8E89

7B4A89

8D9C89

783C89

90AA89

742F89

94B889

712189

97C589

6E1389

9AD389

6B0589

9DE189

6A0089

A0EE89

# Harmonies

## Analogous

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



757790



847389



8F707E

# Triad

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



847389



877661



588080

# Complementary

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



847389



788973

# 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.



5F7F73



847389



7A7A61

# Square

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



847389



8F7267



6C7E68



5A7E8B

# Rectangle

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



847389



927075



6C7E68



59807C



# Sweetspot

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



847389



B0AAB3



737889



585459



D9D9D9



595959



# Same Dimension

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



847389



AB91B3



897383



433E45



660085



040005



# Inverse Universe

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



897378



B39198



738979



453E40



85001E

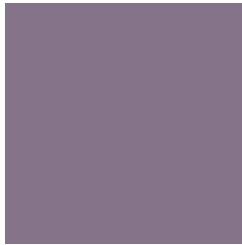


050001



# Previews

## White Background



This preview shows how the Hex color 847389 looks on a white background.

## Color Contrast Check

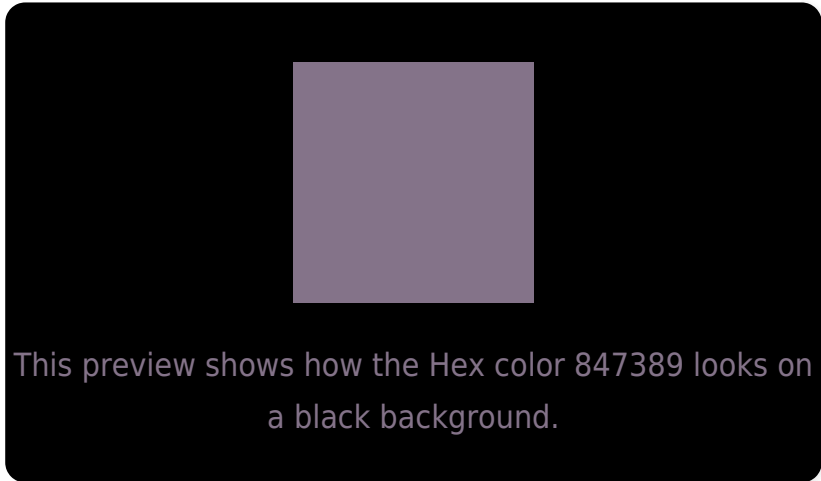
Large Text (above 18pt) WCAG AA ✓ Pass

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

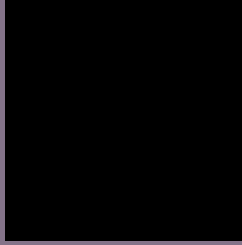
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 847389 Background



This preview shows how black text looks on a background with the Hex color 847389.



This preview shows how white text looks on a background with the Hex color 847389.

# 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**  
847389

**Protanopia**  
75788C

**Deuteranopia**  
7D7689



**Tritanopia**  
82757E

# Trichromacy



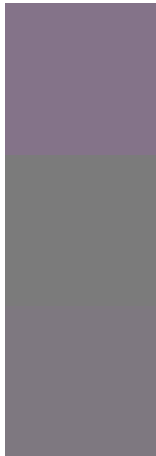
**Original Color**  
847389

**Protanomaly**  
7A768B

**Deuteranomaly**  
807589

**Tritanomaly**  
837482

# Monochromacy



**Original Color**  
847389

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7E7880

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 847389 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 #847389 looks like.

```
.text, #text, p{  
    color:#847389  
}
```

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 #847389 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #847389
}
```

## Border

The CSS property to change the border of an element to Hex 847389 is called "border". The border property can be set on classes, ids or directly on the HTML element.

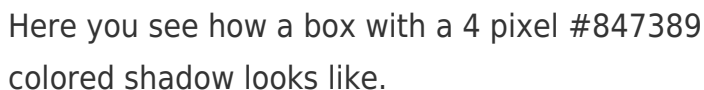
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#847389 }
```

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

```
.border{ border-color:#847389 }
```

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



Here you see how a box with a 4 pixel #847389 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #847389; -webkit-box-shadow:4px 4px  
4px 4px #847389; box-shadow:4px 4px 4px  
4px #847389 }
```

# Background

The CSS property to change the background color of an element to Hex 847389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#847389 }
```

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

```
.background{ background-color:#847389 }
```

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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