

# Converting Colors

Hex(847388)

Have a look what the booklet for  
Hex(847388) contains.

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# Color

**Hex(847388)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	847388
RGB	132, 115, 136
RGB Percent	52%, 45%, 53%
CMY	0.4824, 0.5490, 0.4667
CMYK	0.03, 0.15, 0.00, 0.47
HSL	289°, 8%, 49%
HSV	289°, 15%, 53%
XYZ	20.0904, 18.9446, 25.8903
YIQ	122.4770, 3.3910, 10.1350

# Conversions

## Conversions Part 2

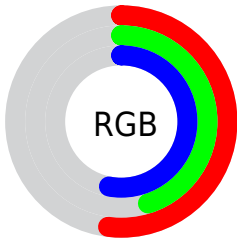
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 115, 136
Decimal	8680328
CIE <sub>Lab</sub>	50.62, 10.68, -9.04
CIE <sub>LCh</sub>	51, 13.990, 319.750
Yxy	18.9446, 0.3094, 0.2918
Android (android.graphics.Color)	4286870408 (0xFF847388)
YUV	122.4770, 6.6668, 8.3517
Hunter-Lab	43.5254, 6.2224, -4.7999

# Details

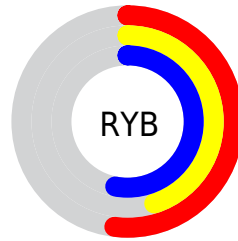
The Hex color **847388** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **778873**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **B9A7BD**, and **524356** is the 20% darker color. If you saturate the color by 10%, you get **816588**, and if you desaturate by 10%, it is **878188**.

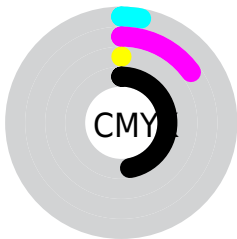
# Distribution



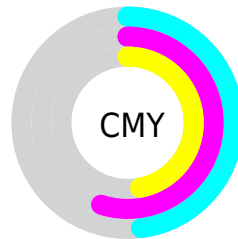
- Red (52%)
- Green (45%)
- Blue (53%)



- Red (52%)
- Yellow (45%)
- Blue (53%)



- Cyan (3%)
- Magenta (15%)
- Yellow (0%)
- Black (47%)



- Cyan (48%)
- Magenta (55%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 847388 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 847388 by changing the saturation by 10% instead.



847388

847388

FFFFFF

6B5A6F

B9A7BD

524356

D5C2D9

3B2D3F

F1DEF6

251829

FFFBFF

120015

000000

847388

847388

816588

878188

7F5888

898E88


 7C4A88

 8C9C88

 7A3D88

 8EA988

 772F88

 91B788

 742188

 94C588

 721488

 96D288

 6F0688

 99E088

 6E0088

 9BED88

# Harmonies

## Analogous

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



75778F



847388



8E717D

# Triad

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



847388



867661



597F80

# Complementary

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



847388



778873

# 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.



607F74



847388



797A62

# Square

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



847388



8E7367



6C7D69



5B7E8A

# Rectangle

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



847388



917075



6C7D69



5A7F7C



# Sweetspot

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



847388



AEA7B0



737788



585459



D9D9D9



595959



# Same Dimension

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



847388



AA8FB0



887382



443E45



6B0085



040005



# Inverse Universe

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



887377



B08F95



738879



453E3F



850019

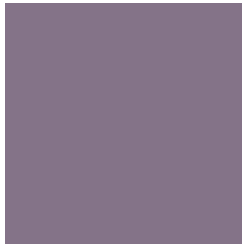


050001



# Previews

## White Background



This preview shows how the Hex color 847388 looks on a white background.

## Color Contrast Check

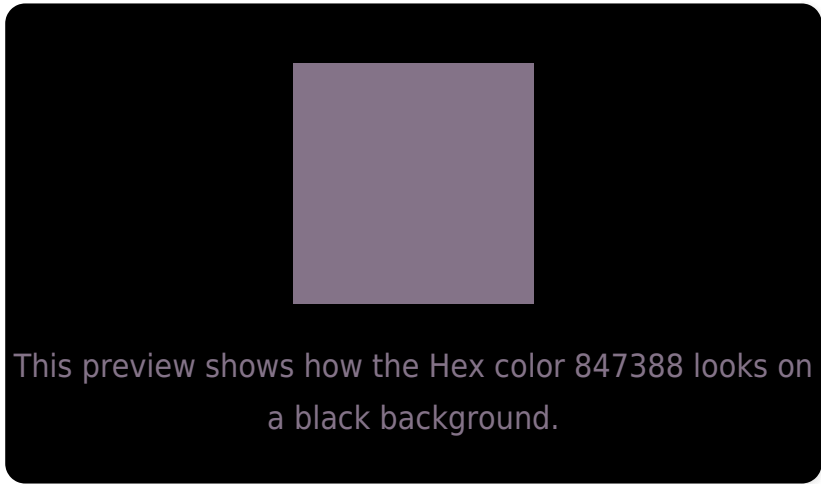
Large Text (above 18pt) WCAG AA ✓ Pass

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

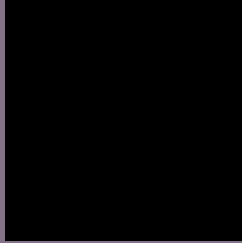
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 847388 Background



This preview shows how black text looks on a background with the Hex color 847388.



This preview shows how white text looks on a background with the Hex color 847388.

# 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**  
847388

**Protanopia**  
75788B

**Deuteranopia**  
7D7588



**Tritanopia**  
82757E

# Trichromacy



**Original Color**  
847388

**Protanomaly**  
7A768A

**Deuteranomaly**  
807488

**Tritanomaly**  
837482

# Monochromacy



**Original Color**  
847388

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
7E777F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 847388 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 #847388 looks like.

```
.text, #text, p{  
    color:#847388  
}
```

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 #847388 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #847388
}
```

## Border

The CSS property to change the border of an element to Hex 847388 is called "border". The border property can be set on classes, ids or directly on the HTML element.

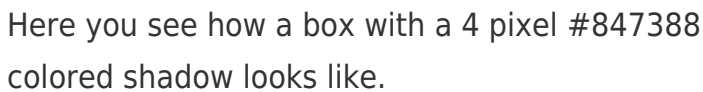
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#847388 }
```

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

```
.border{ border-color:#847388 }
```

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



Here you see how a box with a 4 pixel #847388 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #847388; -webkit-box-shadow:4px 4px  
4px 4px #847388; box-shadow:4px 4px 4px  
4px #847388 }
```

# Background

The CSS property to change the background color of an element to Hex 847388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#847388 }
```

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

```
.background{ background-color:#847388 }
```

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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