

# Converting Colors

Hex(837394)

Have a look what the booklet for  
Hex(837394) contains.

<b>Hex(837394)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(837394)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	837394
RGB	131, 115, 148
RGB Percent	51%, 45%, 58%
CMY	0.4863, 0.5490, 0.4196
CMYK	0.11, 0.22, 0.00, 0.42
HSL	269°, 13%, 52%
HSV	269°, 22%, 58%
XYZ	20.8361, 19.2249, 30.6296
YIQ	123.5460, -1.0570, 13.6550

# Conversions

## Conversions Part 2

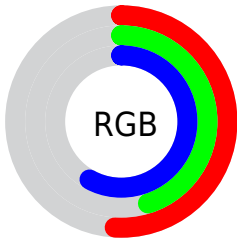
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 115, 148
Decimal	8614804
CIE <sub>Lab</sub>	50.95, 12.91, -15.62
CIE <sub>LCh</sub>	51, 20.261, 309.577
Yxy	19.2249, 0.2948, 0.2720
Android (android.graphics.Color)	4286804884 (0xFF837394)
YUV	123.5460, 12.0558, 6.5372
Hunter-Lab	43.8462, 8.0940, -10.7258

# Details

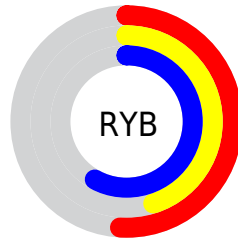
The Hex color **837394** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **849473**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B8A7CA**, and **514361** is the 20% darker color. If you saturate the color by 10%, you get **7B6494**, and if you desaturate by 10%, it is **8B8294**.

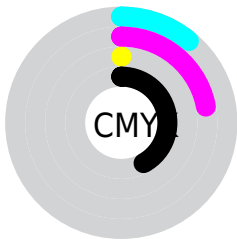
# Distribution



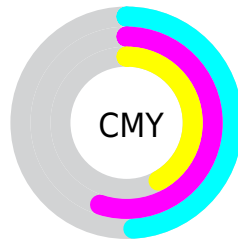
- Red (51%)
- Green (45%)
- Blue (58%)



- Red (51%)
- Yellow (45%)
- Blue (58%)



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



- Cyan (49%)
- Magenta (55%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 837394 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 837394 by changing the saturation by 10% instead.



837394

837394

FFFFFF

6A5A7A

B8A7CA

514361

D4C2E6

3A2D49

F0DEFF

241833

FFFBFF

11001E

000000

837394

837394

7B6494

8B8294

745594

929194

6C4794

9A9F94

653894

A1AE94

5D2994

A9BD94

551A94

B1CC94

4E0B94

B8DB94

480094

C0E994

C8F894

# Harmonies

## Analogous

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



6C799B



837394



946E86

# Triad

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



837394



907459



4A837E

# Complementary

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



837394



849473

# 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.



59826D



837394



807A57

# Square

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



837394



9A6F64



6D7F5E



47828F

# Rectangle

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



837394



9B6D7A



6D7F5E



4E8378



# Sweetspot

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



837394



B8B2BF



738494



5D5961



E0E0E0



616161



# Same Dimension

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



837394



A58CBF



937394



46434A



43008A



05000A



# Inverse Universe

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



947384



BF8CA6



749473



4A4346



8A0047

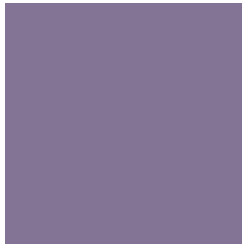


0A0005



# Previews

## White Background



This preview shows how the Hex color 837394 looks on a white background.

## Color Contrast Check

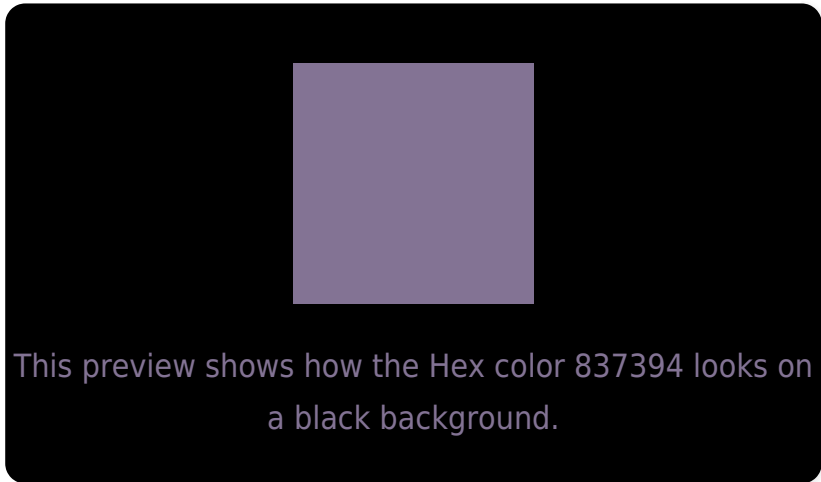
Large Text (above 18pt) WCAG AA ✓ Pass

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

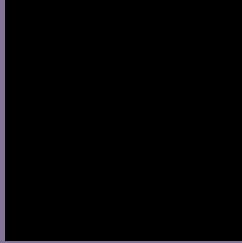
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 837394 Background



This preview shows how black text looks on a background with the Hex color 837394.



This preview shows how white text looks on a background with the Hex color 837394.

# 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**  
837394

**Protanopia**  
727898

**Deuteranopia**  
787793



**Tritanopia**  
807780

# Trichromacy



**Original Color**

837394

**Protanomaly**

787697

**Deuteranomaly**

7C7693

**Tritanomaly**

817687

# Monochromacy



**Original Color**

837394

**Achromatopsia**

7C7C7C

**Achromatomaly**

7F7985

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 837394 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 #837394 looks like.

```
.text, #text, p{  
    color:#837394  
}
```

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 #837394 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837394
}
```

## Border

The CSS property to change the border of an element to Hex 837394 is called "border". The border property can be set on classes, ids or directly on the HTML element.

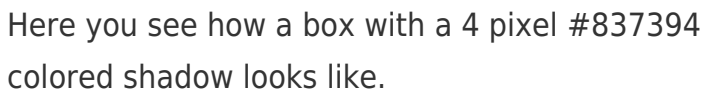
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#837394 }
```

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

```
.border{ border-color:#837394 }
```

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



Here you see how a box with a 4 pixel #837394 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837394; -webkit-box-shadow:4px 4px  
4px 4px #837394; box-shadow:4px 4px 4px  
4px #837394 }
```

# Background

The CSS property to change the background color of an element to Hex 837394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837394 }
```

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

```
.background{ background-color:#837394 }
```

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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