

Converting Colors

Hex(837983)

Have a look what the booklet for
Hex(837983) contains.

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Color

Hex(837983)

Conversions

Conversions Part 1

Format	Color
Hex	837983
RGB	131, 121, 131
RGB Percent	51%, 47%, 51%
CMY	0.4863, 0.5255, 0.4863
CMYK	0.00, 0.08, 0.00, 0.49
HSL	300°, 4%, 49%
HSV	300°, 8%, 51%
XYZ	20.2942, 20.1387, 24.2903
YIQ	125.1300, 2.7500, 5.2300

Conversions

Conversions Part 2

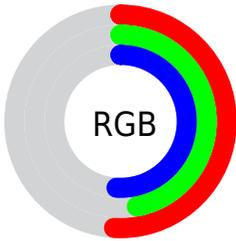
Format	Color
R_{YB}	131, 121, 131
Decimal	8616323
CIE Lab	51.99, 5.77, -4.07
CIE LCh	52, 7.060, 324.817
Yxy	20.1387, 0.3136, 0.3112
Android (android.graphics.Color)	4286806403 (0xFF837983)
YUV	125.1300, 2.8939, 5.1480
Hunter-Lab	44.8762, 2.1890, -0.6787

Details

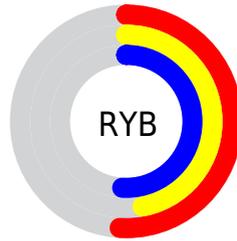
The Hex color **837983** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **798379**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B8ADB8**, and **524952** is the 20% darker color. If you saturate the color by 10%, you get **836C83**, and if you desaturate by 10%, it is **838683**.

Distribution



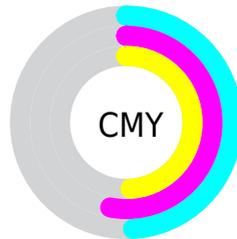
- Red (51%)
- Green (47%)
- Blue (51%)



- Red (51%)
- Yellow (47%)
- Blue (51%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (49%)



- Cyan (49%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 837983 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 837983 by changing the saturation by 10% instead.

 837983

 837983

FFFFFF

 6A606A

 B8ADB8

 524952

 D4C9D4

 3B323B

 F0E5F0

 251D25

 100310

 000000

 837983

 837983

 836C83

 838683

 835F83

 839383

 835283

 83A083

 834583

 83AD83

 833783

 83BB83

 832A83

 83C883

 831D83

 83D583

 831083

 83E283

 830383

 83EF83

Harmonies

Analogous

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



7C7B87



837983



88787D

Triad

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



837983



827B70



6D7F81

Complementary

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



837983



798379

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.



6F807B



837983



7B7D71

Square

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



837983



877972



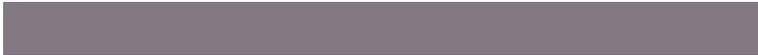
757F75



6F7E86

Rectangle

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



837983



897879



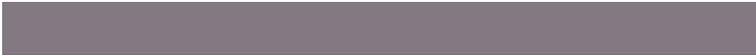
757F75



6D807F

Sweetspot

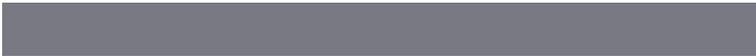
The Sweet Spot groups the original color and five complimentary colors.



837983



ABA7AB



797983



575557



D6D6D6



575757

Same Dimension

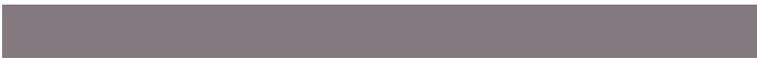
The Same Dimension uses a secret algorithm to generate beautiful new colors.



837983



AB9BAB



83797E



423C42



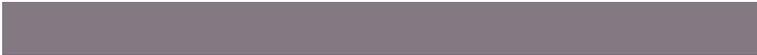
820082



030003

Inverse Universe

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



837983



AB9BAB



79837E



423C42



820082



030003

Previews

White Background



This preview shows how the Hex color 837983 looks on a white background.

Color Contrast Check

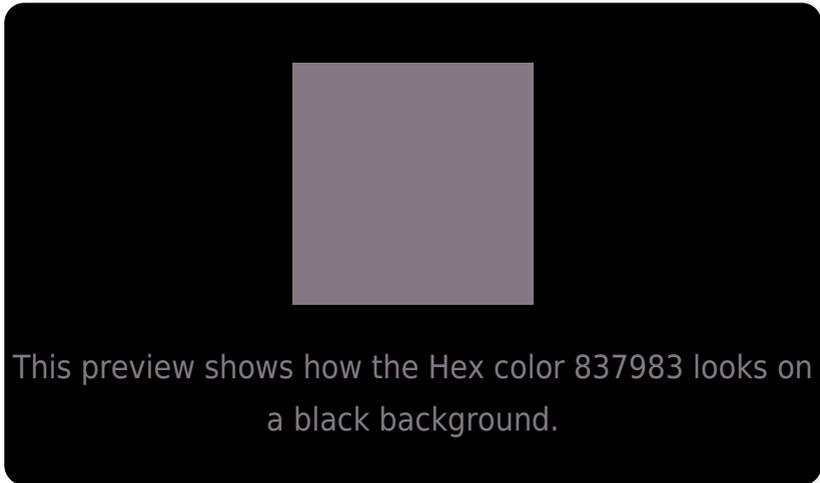
Large Text (above 18pt) WCAG AA ✓ Pass

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

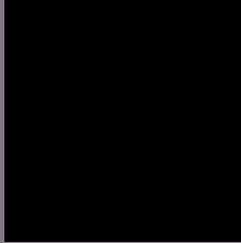
Any Text WCAG AA ✓ Pass

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 837983 Background



This preview shows how black text looks on a background with the Hex color 837983.



This preview shows how white text looks on a background with the Hex color 837983.

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
837983

Protanopia
7C7B84

Deuteranopia
857883



Tritanopia
837983

Trichromacy



Original Color
837983

Protanomaly
7F7A84

Deuteranomaly
847883

Tritanomaly
837983

Monochromacy



Original Color
837983

Achromatopsia
7D7D7D

Achromatomaly
7F7C7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 837983 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 #837983 looks like.

```
.text, #text, p{  
    color:#837983  
}
```

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 #837983 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837983
}
```

Border

The CSS property to change the border of an element to Hex 837983 is called "border". The border property can be set on classes, ids or directly on the HTML element.

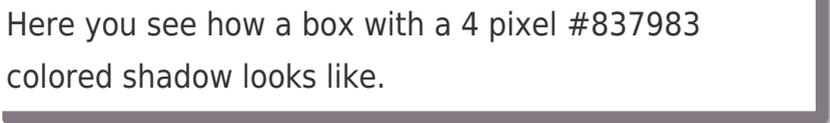
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#837983 }
```

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

```
.border{ border-color:#837983 }
```

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



Here you see how a box with a 4 pixel #837983 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837983; -webkit-box-shadow:4px 4px  
4px 4px #837983; box-shadow:4px 4px 4px  
4px #837983 }
```

Background

The CSS property to change the background color of an element to Hex 837983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837983 }
```

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

```
.background{ background-color:#837983 }
```

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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