

Converting Colors

Hex(837B82)

Have a look what the booklet for
Hex(837B82) contains.

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Color

Hex(837B82)

Conversions

Conversions Part 1

Format	Color
Hex	837B82
RGB	131, 123, 130
RGB Percent	51%, 48%, 51%
CMY	0.4863, 0.5176, 0.4902
CMYK	0.00, 0.06, 0.01, 0.49
HSL	308°, 3%, 50%
HSV	308°, 6%, 51%
XYZ	20.4723, 20.6029, 24.0168
YIQ	126.1900, 2.5210, 3.8730

Conversions

Conversions Part 2

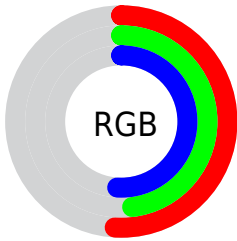
Format	Color
R_{YB}	131, 123, 130
Decimal	8616834
CIE Lab	52.51, 4.41, -2.72
CIE LCh	53, 5.177, 328.346
Yxy	20.6029, 0.3145, 0.3165
Android (android.graphics.Color)	4286806914 (0xFF837B82)
YUV	126.1900, 1.8783, 4.2184
Hunter-Lab	45.3904, 1.0750, 0.4020

Details

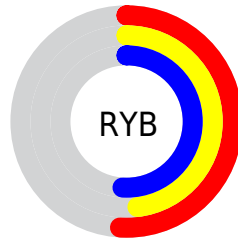
The Hex color **837B82** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7B837C**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B8AFB7**, and **524A51** is the 20% darker color. If you saturate the color by 10%, you get **836E80**, and if you desaturate by 10%, it is **838884**.

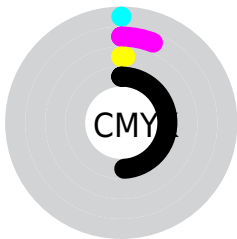
Distribution



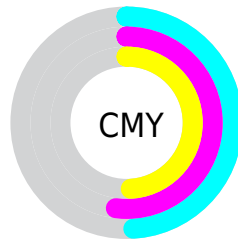
- Red (51%)
- Green (48%)
- Blue (51%)



- Red (51%)
- Yellow (48%)
- Blue (51%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (49%)



- Cyan (49%)
- Magenta (52%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 837B82 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 837B82 by changing the saturation by 10% instead.



837B82



837B82

FFFFFF



6A6269



B8AFB7



524A51



D4CBD2



3B343A



F0E7EF



251F24



10060F



000000



837B82



837B82



836E80



838884



83617F



839585

83547D

83A287

83477B

83AF89

833A7A

83BD8A

832C78

83CA8C

831F77

83D78D

831275

83E48F

830573

83F191

Harmonies

Analogous

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



7E7C85



837B82



867A7E

Triad

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



837B82



817D74



738081

Complementary

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



837B82



7B837C

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.



74807D



837B82



7C7E75

Square

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



837B82



857B76



777F79



747F85

Rectangle

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



837B82



877A7B



777F79



738080

Sweetspot

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



837B82



ABA7AA



7C7B83



575556



D6D6D6



575757

Same Dimension

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



837B82



AB9FA9



837B7E



423D42



820072



030002

Inverse Universe

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



837B82



AB9FA9



7B8380



423D42



820072



030002

Previews

White Background



This preview shows how the Hex color 837B82 looks on a white background.

Color Contrast Check

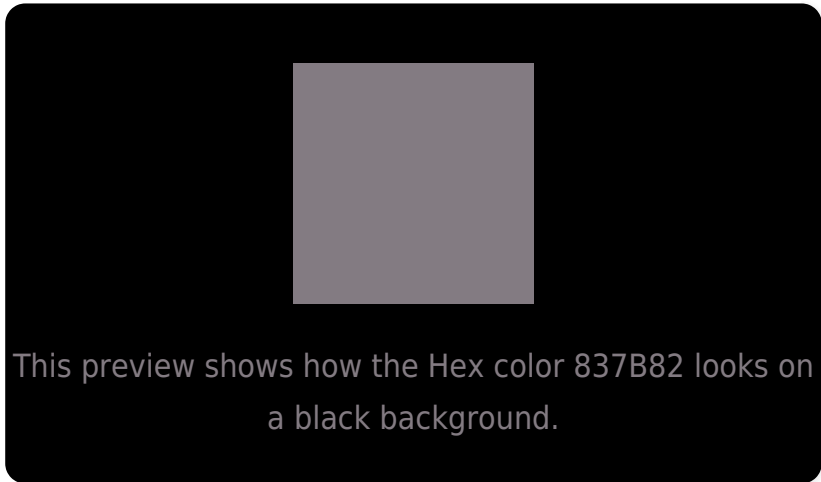
Large Text (above 18pt) WCAG AA ✓ Pass

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

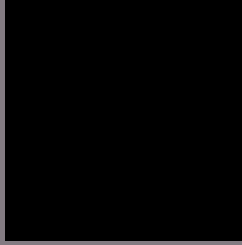
Any Text WCAG AA ✓ Pass

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 837B82 Background



This preview shows how black text looks on a background with the Hex color 837B82.



This preview shows how white text looks on a background with the Hex color 837B82.

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
837B82

Protanopia
7E7D83

Deuteranopia
877A82



Tritanopia
837B84

Trichromacy



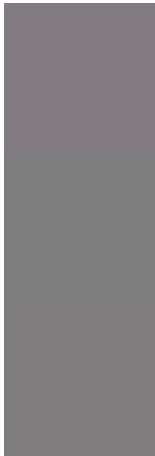
Original Color
837B82

Protanomaly
807C83

Deuteranomaly
867A82

Tritanomaly
837B83

Monochromacy



Original Color
837B82

Achromatopsia
7E7E7E

Achromatomaly
807D7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 837B82 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 #837B82 looks like.

```
.text, #text, p{  
    color:#837B82  
}
```

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 #837B82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837B82
}
```

Border

The CSS property to change the border of an element to Hex 837B82 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
#837B82 }
```

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

```
.border{ border-color:#837B82 }
```

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

Here you see how a box with a 4 pixel #837B82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837B82; -webkit-box-shadow:4px 4px  
4px 4px #837B82; box-shadow:4px 4px 4px  
4px #837B82 }
```

Background

The CSS property to change the background color of an element to Hex 837B82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837B82 }
```

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

```
.background{ background-color:#837B82 }
```

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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