

Converting Colors

Hex(837BC2)

Have a look what the booklet for
Hex(837BC2) contains.

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Color

Hex(837BC2)

Conversions

Conversions Part 1

Format	Color
Hex	837BC2
RGB	131, 123, 194
RGB Percent	51%, 48%, 76%
CMY	0.4863, 0.5176, 0.2392
CMYK	0.32, 0.37, 0.00, 0.24
HSL	247°, 37%, 62%
HSV	247°, 37%, 76%
XYZ	26.1806, 22.8863, 54.0766
YIQ	133.4860, -18.0230, 23.7770

Conversions

Conversions Part 2

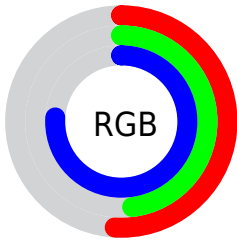
Format	Color
RYB	131, 123, 194
Decimal	8616898
CIELab	54.95, 19.48, -36.05
CIELCh	55, 40.977, 298.392
Yxy	22.8863, 0.2538, 0.2219
Android (android.graphics.Color)	4286806978 (0xFF837BC2)
YUV	133.4860, 29.8334, -2.1802
Hunter-Lab	47.8396, 13.9665, -33.5321

Details

The Hex color **837BC2** is a light color, and the websafe version is hex **666699**. A complement of this color would be **BAC27B**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **BAAFFB**, and **4F4A8C** is the 20% darker color. If you saturate the color by 10%, you get **7268C2**, and if you desaturate by 10%, it is **948EC2**.

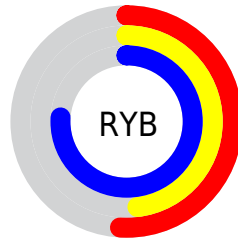
Distribution



Red (51%)

Green (48%)

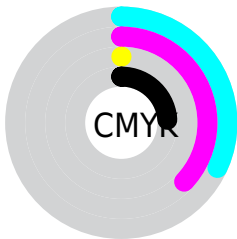
Blue (76%)



Red (51%)

Yellow (48%)

Blue (76%)

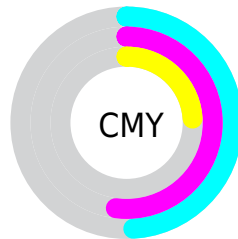


Cyan (32%)

Magenta (37%)

Yellow (0%)

Black (24%)



Cyan (49%)

Magenta (52%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 837BC2 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 837BC2 by changing the saturation by 10% instead.

■ 837BC2

■ 837BC2

FFFFFF

■ 6962A7

■ BAAFFB

■ 4F4A8C

■ D6CBFF

■ 353472

■ F3E7FF

■ 1A1F59

■ 000941

■ 00032B

■ 000115

■ 000000

■ 837BC2

■ 837BC2

7268C2

948EC2

6154C2

A5A2C2

4F41C2

B7B5C2

3E2DC2

C8C9C2

2D1AC2

D9DCC2

1C07C2

EAEFC2

1600C2

FBFFC2

FFFFC2

Harmonies

Analogous

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



3F88CA



837BC2



AE6EA9

Triad

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



837BC2



B67448



009580

Complementary

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



837BC2



BAC27B

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.



4A925D



837BC2



9A813B

Square

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



837BC2



C56964



778B43



0095A4

Rectangle

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



837BC2



BE6793



778B43



199574

Sweetspot

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



837BC2



E4E1FC



7BBBC2



716F80



000000



808080

Same Dimension

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



837BC2



9A8DFC



A67BC2



585761



1200A1



040021

Inverse Universe

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



C27BBA



FC8DF0



97C27B



615760



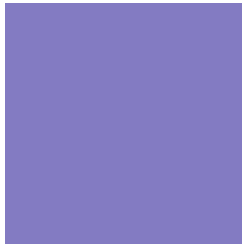
A1008F



21001D

Previews

White Background



This preview shows how the Hex color 837BC2 looks on a white background.

Color Contrast Check

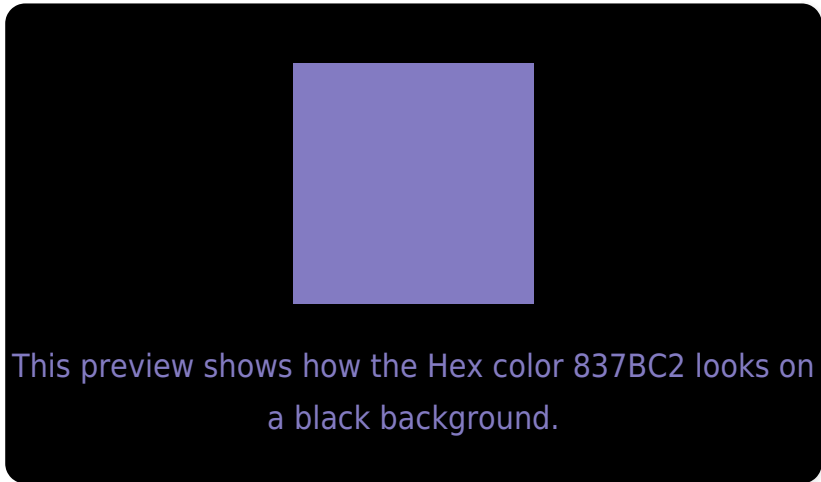
Large Text (above 18pt) WCAG AA ✓ Pass

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 837BC2 Background



This preview shows how black text looks on a background with the Hex color 837BC2.

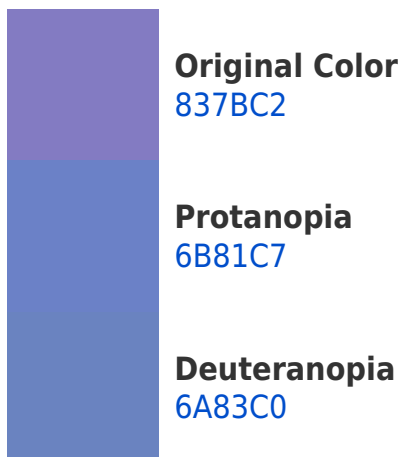


This preview shows how white text looks on a background with the Hex color 837BC2.

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](#).

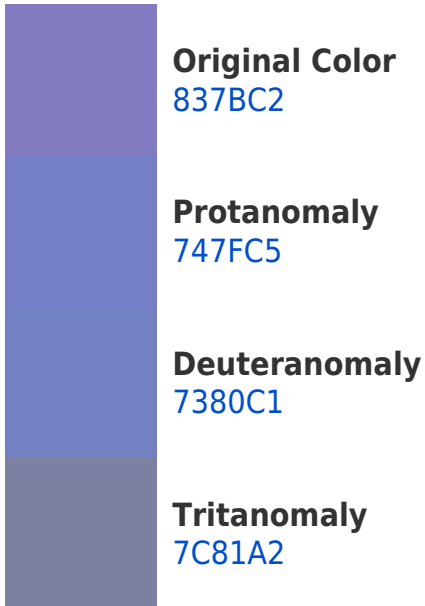
Dichromacy



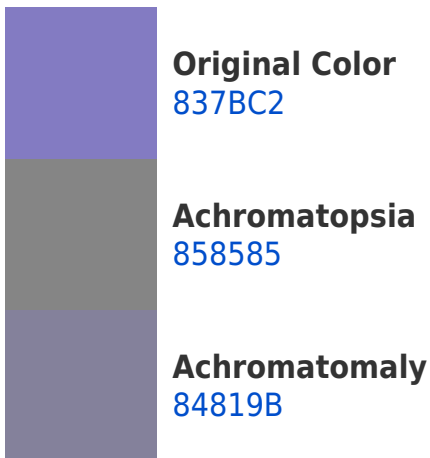


Tritanopia
788590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 837BC2 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 #837BC2 looks like.

```
.text, #text, p{  
    color:#837BC2  
}
```

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 #837BC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837BC2
}
```

Border

The CSS property to change the border of an element to Hex 837BC2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

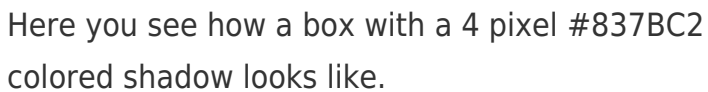
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#837BC2 }
```

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

```
.border{ border-color:#837BC2 }
```

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



Here you see how a box with a 4 pixel #837BC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837BC2; -webkit-box-shadow:4px 4px  
4px 4px #837BC2; box-shadow:4px 4px 4px  
4px #837BC2 }
```

Background

The CSS property to change the background color of an element to Hex 837BC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837BC2 }
```

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

```
.background{ background-color:#837BC2 }
```

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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