

Converting Colors

Hex(837BE3)

Have a look what the booklet for
Hex(837BE3) contains.

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Color

Hex(837BE3)

Conversions

Conversions Part 1

Format	Color
Hex	837BE3
RGB	131, 123, 227
RGB Percent	51%, 48%, 89%
CMY	0.4863, 0.5176, 0.1098
CMYK	0.42, 0.46, 0.00, 0.11
HSL	245°, 65%, 69%
HSV	245°, 46%, 89%
XYZ	30.3082, 24.5373, 75.8118
YIQ	137.2480, -28.6160, 34.0400

Conversions

Conversions Part 2

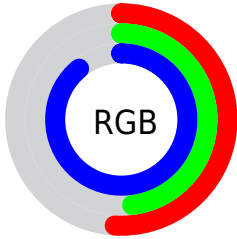
Format	Color
RYB	131, 123, 227
Decimal	8616931
CIELab	56.62, 28.57, -52.05
CIElCh	57, 59.379, 298.759
Yxy	24.5373, 0.2320, 0.1878
Android (android.graphics.Color)	4286807011 (0xFF837BE3)
YUV	137.2480, 44.2477, -5.4795
Hunter-Lab	49.5351, 22.5292, -56.0668

Details

The Hex color **837BE3** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **DBE37B**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **BCB0FF**, and **4A4AAB** is the 20% darker color. If you saturate the color by 10%, you get **6E64E3**, and if you desaturate by 10%, it is **9892E3**.

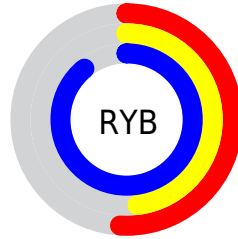
Distribution



Red (51%)

Green (48%)

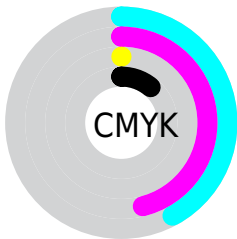
Blue (89%)



Red (51%)

Yellow (48%)

Blue (89%)

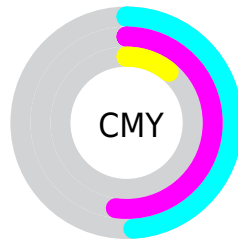


Cyan (42%)

Magenta (46%)

Yellow (0%)

Black (11%)



Cyan (49%)

Magenta (52%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 837BE3 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 837BE3 by changing the saturation by 10% instead.

837BE3

837BE3

FFFFFF

6762C7

BCB0FF

4A4AAB

D9CBFF

2C3490

F7E7FF

001E76

000B5C

000044

00032D

000117

000000

■ 837BE3

■ 837BE3

■ 6E64E3

■ 9892E3

■ 594EE3

■ ADA8E3

■ 4437E3

■ C2BFE3

■ 2F20E3

■ D7D6E3

■ 1A0AE3

■ ECECE3

■ 1100E3

■ FFFF E3

Harmonies

Analogous

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



008FF0



837BE3



C464BE

Triad

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



837BE3



CB702D



00A084

Complementary

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



837BE3



DBE37B

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.



1A9C4F



837BE3



A3850D

Square

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



837BE3



E25C59



709322



00A0B8

Rectangle

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



837BE3



DB589E



709322



009F72

Sweetspot

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



837BE3



DEDBFF



7BDCE3



6B6A80



000000



808080

Same Dimension

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



837BE3



7E73FF



B67BE3



686773



0E00B3



040033

Inverse Universe

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



E37BDB



FF73F4



A8E37B



736772



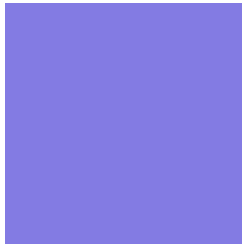
B300A5



33002F

Previews

White Background



This preview shows how the Hex color 837BE3 looks on a white background.

Color Contrast Check

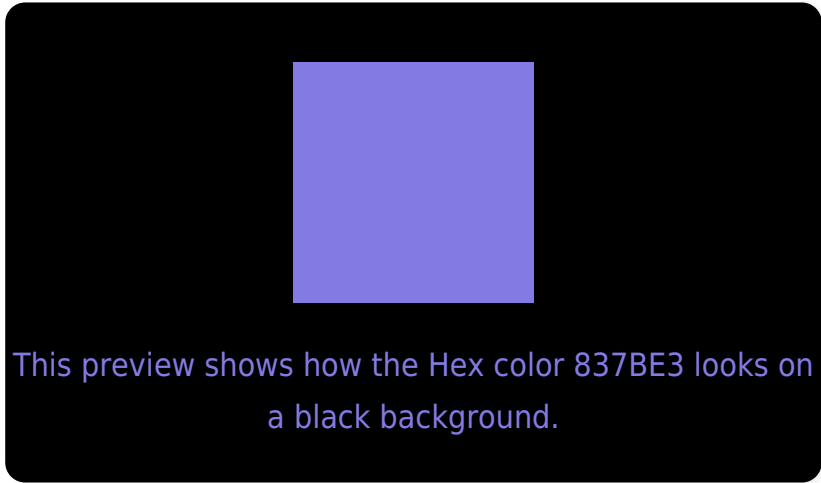
Large Text (above 18pt) WCAG AA ✓ Pass

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

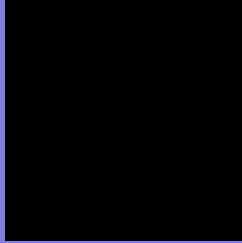
Any Text WCAG AA ✓ Pass

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 837BE3 Background



This preview shows how black text looks on a background with the Hex color 837BE3.



This preview shows how white text looks on a background with the Hex color 837BE3.

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](#).

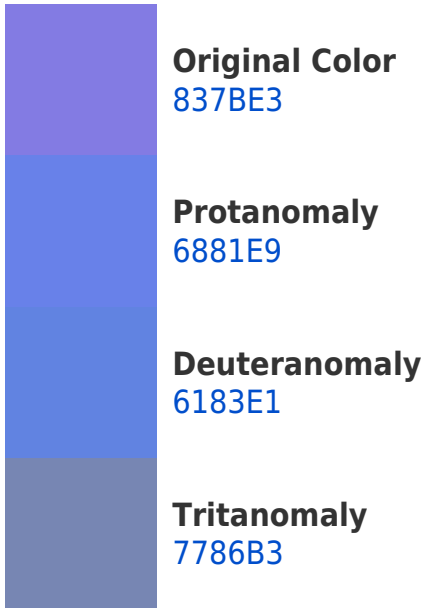
Dichromacy



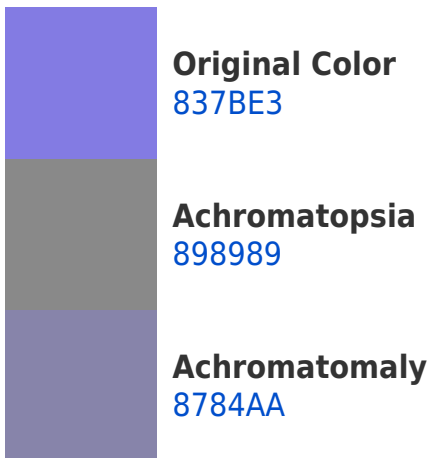


Tritanopia
708C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 837BE3 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 #837BE3 looks like.

```
.text, #text, p{  
    color:#837BE3  
}
```

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 #837BE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837BE3
}
```

Border

The CSS property to change the border of an element to Hex 837BE3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

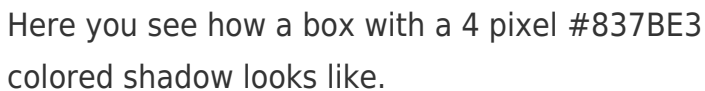
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#837BE3 }
```

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

```
.border{ border-color:#837BE3 }
```

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



Here you see how a box with a 4 pixel #837BE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837BE3; -webkit-box-shadow:4px 4px  
4px 4px #837BE3; box-shadow:4px 4px 4px  
4px #837BE3 }
```

Background

The CSS property to change the background color of an element to Hex 837BE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837BE3 }
```

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

```
.background{ background-color:#837BE3 }
```

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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