

Converting Colors

Hex(837BB9)

Have a look what the booklet for
Hex(837BB9) contains.

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Color

Hex(837BB9)

Conversions

Conversions Part 1

Format	Color
Hex	837BB9
RGB	131, 123, 185
RGB Percent	51%, 48%, 73%
CMY	0.4863, 0.5176, 0.2745
CMYK	0.29, 0.34, 0.00, 0.27
HSL	248°, 31%, 60%
HSV	248°, 34%, 73%
XYZ	25.2000, 22.4940, 48.9125
YIQ	132.4600, -15.1340, 20.9780

Conversions

Conversions Part 2

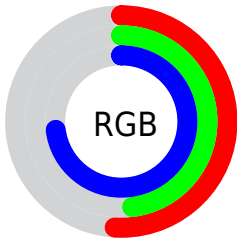
Format	Color
R_{YB}	131, 123, 185
Decimal	8616889
CIE _{Lab}	54.55, 17.13, -31.54
CIE _{LCh}	55, 35.891, 298.505
Yxy	22.4940, 0.2609, 0.2328
Android (android.graphics.Color)	4286806969 (0xFF837BB9)
YUV	132.4600, 25.9022, -1.2804
Hunter-Lab	47.4278, 11.8443, -27.9466

Details

The Hex color **837BB9** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B1B97B**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B9AFF1**, and **4F4A84** is the 20% darker color. If you saturate the color by 10%, you get **7369B9**, and if you desaturate by 10%, it is **938EB9**.

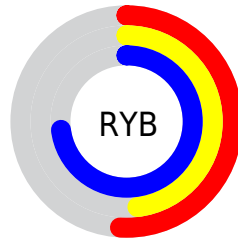
Distribution



Red (51%)

Green (48%)

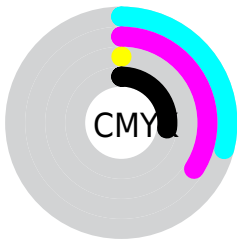
Blue (73%)



Red (51%)

Yellow (48%)

Blue (73%)

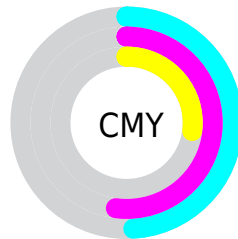


Cyan (29%)

Magenta (34%)

Yellow (0%)

Black (27%)



Cyan (49%)

Magenta (52%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 837BB9 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 837BB9 by changing the saturation by 10% instead.

■ 837BB9

■ 837BB9

FFFFFF

■ 69629E

■ B9AFF1

■ 4F4A84

■ D5CBFF

■ 37346A

■ F2E7FF

■ 1D1F52

■ 03083A

■ 000224

■ 00000C

■ 000000

■ 837BB9

■ 837BB9

 7369B9

 938EB9

 6356B9

 A3A0B9

 5344B9

 B3B3B9

 4331B9

 C3C5B9

 321EB9

 D4D8B9

 220CB9

 E4EAB9

 1800B9

 F4FDB9

 FFFFB9

Harmonies

Analogous

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



4E86C0



837BB9



A870A3

Triad

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



837BB9



B0754E



1A9380

Complementary

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



837BB9



B1B97B

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.



529061



837BB9



978043

Square

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



837BB9



BD6C67



78894A



00929F

Rectangle

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



837BB9



B76B90



78894A



329275

Sweetspot

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



837BB9



DBD8F0



7BB2B9



6B6978



F7F7F7



787878

Same Dimension

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



837BB9



9C90F0



A17BB9



54535C



14009C



04001C

Inverse Universe

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



B97BB1



F090E3



93B97B



5C535B



9C0087



1C0018

Previews

White Background



This preview shows how the Hex color 837BB9 looks on a white background.

Color Contrast Check

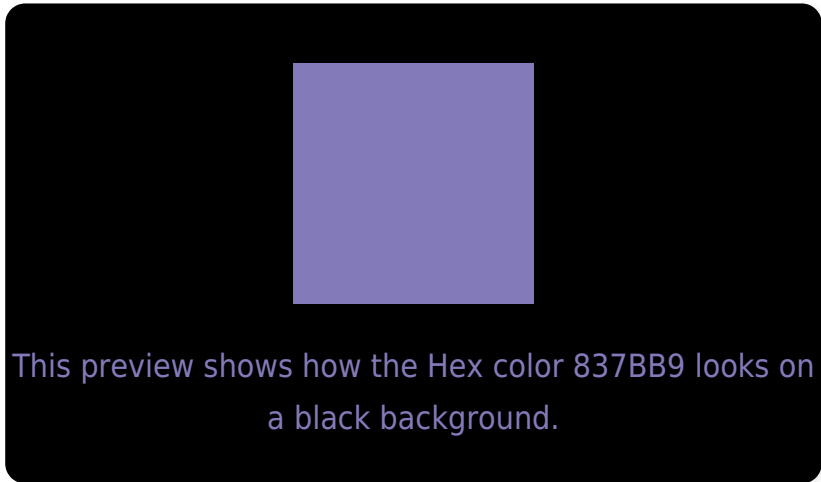
Large Text (above 18pt) WCAG AA ✓ Pass

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

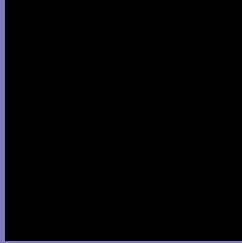
Any Text WCAG AA ✓ Pass

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 837BB9 Background



This preview shows how black text looks on a background with the Hex color 837BB9.



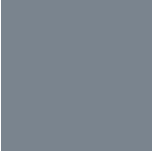
This preview shows how white text looks on a background with the Hex color 837BB9.

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](#).

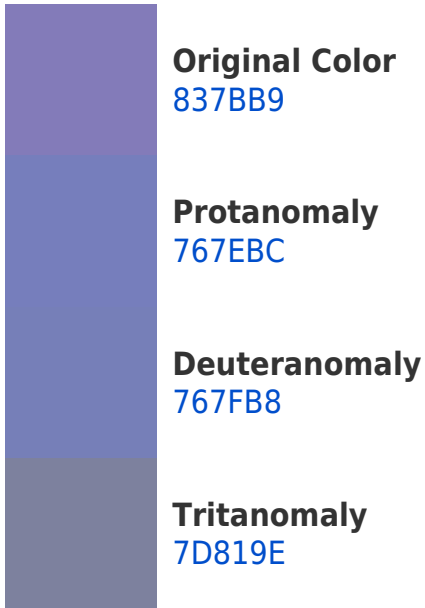
Dichromacy



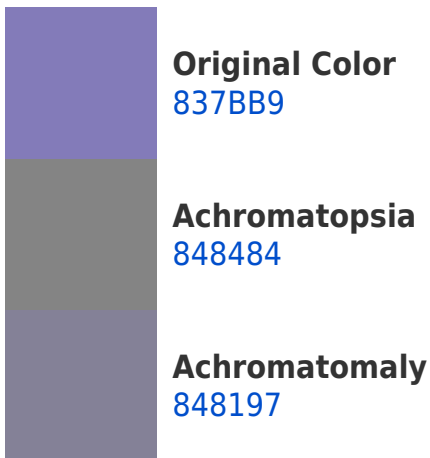


Tritanopia
7A848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 837BB9 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 #837BB9 looks like.

```
.text, #text, p{  
    color:#837BB9  
}
```

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 #837BB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837BB9
}
```

Border

The CSS property to change the border of an element to Hex 837BB9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

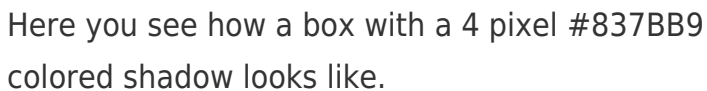
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#837BB9 }
```

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

```
.border{ border-color:#837BB9 }
```

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



Here you see how a box with a 4 pixel #837BB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837BB9; -webkit-box-shadow:4px 4px  
4px 4px #837BB9; box-shadow:4px 4px 4px  
4px #837BB9 }
```

Background

The CSS property to change the background color of an element to Hex 837BB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837BB9 }
```

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

```
.background{ background-color:#837BB9 }
```

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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