

Converting Colors

Hex(837BBB)

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

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Color

Hex(837BBB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 837BBB |
| RGB | 131, 123, 187 |
| RGB Percent | 51%, 48%, 73% |
| CMY | 0.4863, 0.5176, 0.2667 |
| CMYK | 0.30, 0.34, 0.00, 0.27 |
| HSL | 248°, 32%, 61% |
| HSV | 248°, 34%, 73% |
| XYZ | 25.4127, 22.5791, 50.0325 |
| YIQ | 132.6880, -15.7760, 21.6000 |

Conversions

Conversions Part 2

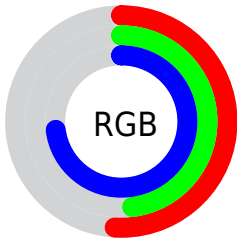
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 131, 123, 187 |
| Decimal | 8616891 |
| CIE _{Lab} | 54.64, 17.65, -32.55 |
| CIE _{LCh} | 55, 37.023, 298.466 |
| Yxy | 22.5791, 0.2592, 0.2303 |
| Android (android.graphics.Color) | 4286806971 (0xFF837BBB) |
| YUV | 132.6880, 26.7758, -1.4804 |
| Hunter-Lab | 47.5174, 12.3076, -29.1660 |

Details

The Hex color **837BBB** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B3BB7B**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B9AFF3**, and **4F4A85** is the 20% darker color. If you saturate the color by 10%, you get **7368BB**, and if you desaturate by 10%, it is **938EBB**.

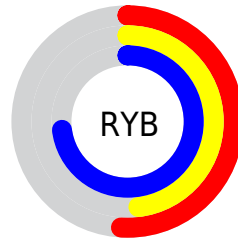
Distribution



Red (51%)

Green (48%)

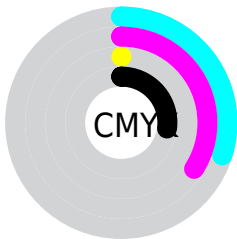
Blue (73%)



Red (51%)

Yellow (48%)

Blue (73%)

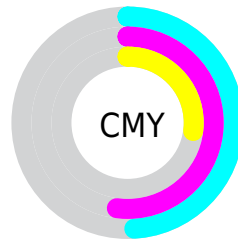


Cyan (30%)

Magenta (34%)

Yellow (0%)

Black (27%)



Cyan (49%)

Magenta (52%)

Yellow (27%)

Brightness & Saturation Gradients

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

■ 837BBB

■ 837BBB

FFFFFF

■ 6962A0

■ B9AFF3

■ 4F4A85

■ D6CBFF

■ 36346C

■ F2E7FF

■ 1D1F53

■ 02083C

■ 000226

■ 00010E

■ 000000

■ 837BBB

■ 837BBB

7368BB

938EBB

6256BB

A4A0BB

5243BB

B4B3BB

4230BB

C4C6BB

311EBB

D5D8BB

210BBB

E5EBBB

1700BB

F6FEBB

FFFFBB

Harmonies

Analogous

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



4B86C2



837BBB



A96FA5

Triad

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



837BBB



B1754D



0F9380

Complementary

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



837BBB



B3BB7B

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.



509060



837BBB



988041

Square

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



837BBB



BF6B66



778A49



0093A0

Rectangle

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



837BBB



B86A90



778A49



2D9375

Sweetspot

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



837BBB



DDDAF2



7BB4BB



6E6C7A



FAFAFA



7A7A7A

Same Dimension

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



837BBB



9B8FF2



A27BBB



56555E



14009E



04001F

Inverse Universe

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



BB7BB3



F28FE6



94BB7B



5E555D



9E008A



1F001B

Previews

White Background



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

Color Contrast Check

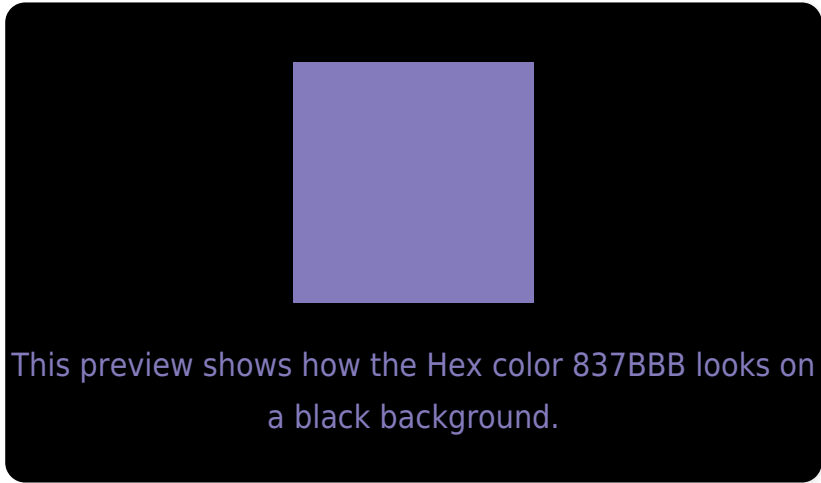
Large Text (above 18pt) WCAG AA ✓ Pass

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

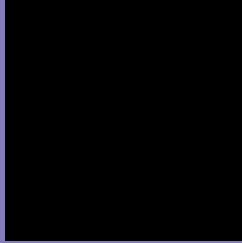
Any Text WCAG AA ✓ Pass

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 837BBB Background



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



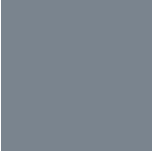
This preview shows how white text looks on a background with the Hex color 837BBB.

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](#).

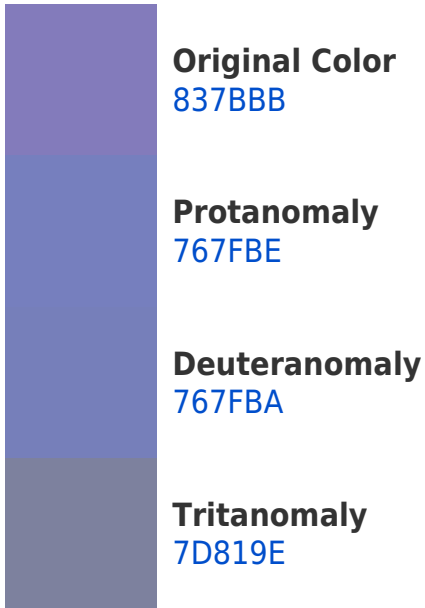
Dichromacy



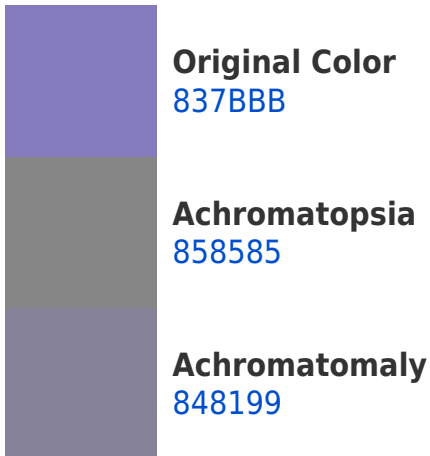


Tritanopia
7A848E

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #837BBB colored shadow looks like.

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

Border

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

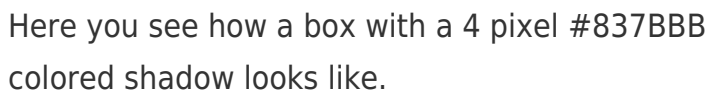
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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