

Converting Colors

Hex(B838CB)

Have a look what the booklet for
Hex(B838CB) contains.

Hex(B838CB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(**B838CB**)

Conversions

Conversions Part 1

Format	Color
Hex	B838CB
RGB	184, 56, 203
RGB Percent	72%, 22%, 80%
CMY	0.2784, 0.7804, 0.2039
CMYK	0.09, 0.72, 0.00, 0.20
HSL	292°, 59%, 51%
HSV	292°, 72%, 80%
XYZ	31.9608, 17.3305, 58.1605
YIQ	111.0300, 29.1010, 72.8530

Conversions

Conversions Part 2

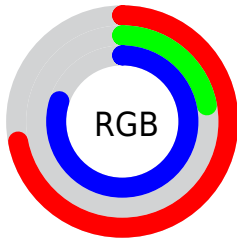
Format	Color
RYB	184, 56, 203
Decimal	12073163
CIELab	48.67, 68.93, -50.77
CIELCh	49, 85.606, 323.626
Yxy	17.3305, 0.2974, 0.1613
Android (android.graphics.Color)	4290263243 (0xFFB838CB)
YUV	111.0300, 45.3412, 63.9947
Hunter-Lab	41.6299, 64.1888, -53.6922

Details

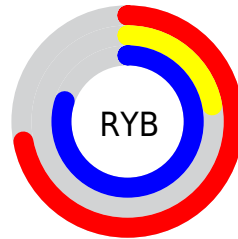
The Hex color **B838CB** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted purple. A complement of this color would be **4BCB38**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **F373FF**, and **7F0094** is the 20% darker color. If you saturate the color by 10%, you get **B524CB**, and if you desaturate by 10%, it is **BB4CCB**.

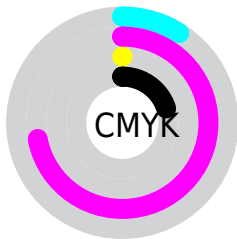
Distribution



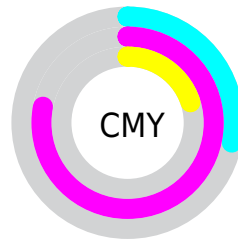
- Red (72%)
- Green (22%)
- Blue (80%)



- Red (72%)
- Yellow (22%)
- Blue (80%)



- Cyan (9%)
- Magenta (72%)
- Yellow (0%)
- Black (20%)



- Cyan (28%)
- Magenta (78%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color B838CB 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 B838CB by changing the saturation by 10% instead.

 B838CB

 B838CB

FFFFFF

 9B11AF

 F373FF

 7F0094

 FF8FFF

 63007A

 FFACFF

 470060

 FFC9FF

 2E0048

 FFE6FF

 070030

 00011A

 000000

 B838CB

 B838CB

 B524CB

 BB4CCB

 B30FCB

 BD61CB

 B100CB

 C075CB

 C289CB

 C59ECB

 C8B2CB

 CAC6CB

 CDDACB

 D0EFCB

Harmonies

Analogous

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



2C68FB



B838CB



E70086

Triad

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



B838CB



9A6C00



0091AC

Complementary

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



B838CB



4BCB38

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.



009061



B838CB



558000

Square

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



B838CB



CD4600



008B03



008EE9

Rectangle

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



B838CB



ED0057



008B03



009194

Sweetspot

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



B838CB



F8C7FF



384CCB



7B5E80



000000



808080

Same Dimension

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



B838CB



E221FF



CB3895



655C66



9000A6



210026

Inverse Universe

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



CB384B



FF213E



38CB6E



665C5D



A60015



260005

Previews

White Background



This preview shows how the Hex color B838CB looks on a white background.

Color Contrast Check

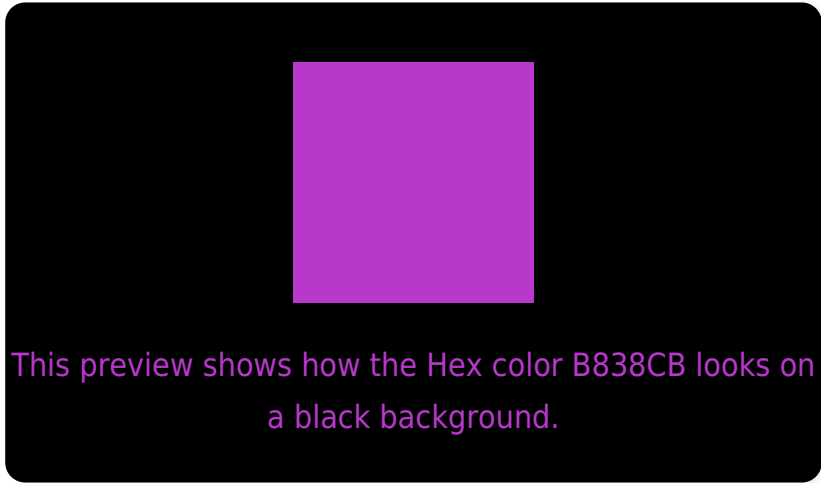
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

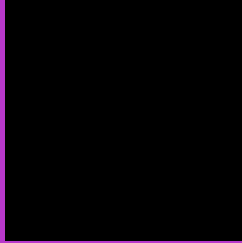
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B838CB Background



This preview shows how black text looks on a background with the Hex color B838CB.

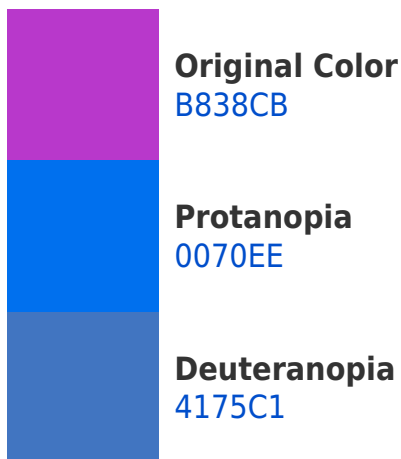


This preview shows how white text looks on a background with the Hex color B838CB.

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



Trichromacy



Original Color
B838CB



Protanomaly
435CE1



Deuteranomaly
6C5FC5



Tritanomaly
B04F89

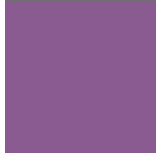
Monochromacy



Original Color
B838CB



Achromatopsia
6F6F6F



Achromatomaly
8A5B90

CSS Examples

Text

The CSS property to change the color of the text to Hex B838CB 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 #B838CB looks like.

```
.text, #text, p{  
    color:#B838CB  
}
```

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 #B838CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B838CB
}
```

Border

The CSS property to change the border of an element to Hex B838CB 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
#B838CB }
```

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

```
.border{ border-color:#B838CB }
```

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

Here you see how a box with a 4 pixel #B838CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B838CB; -webkit-box-shadow:4px 4px  
4px 4px #B838CB; box-shadow:4px 4px 4px  
4px #B838CB }
```

Background

The CSS property to change the background color of an element to Hex B838CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B838CB }
```

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

```
.background{ background-color:#B838CB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor