

Converting Colors

Hex(B837B5)

Have a look what the booklet for
Hex(B837B5) contains.

Hex(B837B5)	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(B837B5)

Conversions

Conversions Part 1

Format	Color
Hex	B837B5
RGB	184, 55, 181
RGB Percent	72%, 22%, 71%
CMY	0.2784, 0.7843, 0.2902
CMYK	0.00, 0.70, 0.02, 0.28
HSL	301°, 54%, 47%
HSV	301°, 70%, 72%
XYZ	29.4738, 16.2589, 45.3009
YIQ	107.9350, 36.4380, 66.5340

Conversions

Conversions Part 2

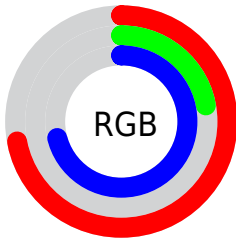
Format	Color
RYB	184, 55, 181
Decimal	12072885
CIELab	47.31, 65.53, -40.15
CIELCh	47, 76.852, 328.507
Yxy	16.2589, 0.3238, 0.1786
Android (android.graphics.Color)	4290262965 (0xFFB837B5)
YUV	107.9350, 36.0210, 66.7090
Hunter-Lab	40.3224, 59.9114, -38.3848

Details

The Hex color **B837B5** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **37B83A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **F371ED**, and **7F007F** is the 20% darker color. If you saturate the color by 10%, you get **B825B5**, and if you desaturate by 10%, it is **B849B5**.

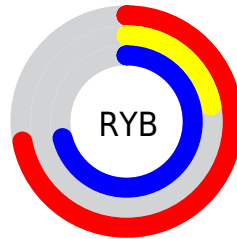
Distribution



Red (72%)

Green (22%)

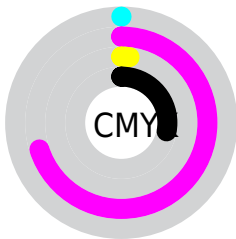
Blue (71%)



Red (72%)

Yellow (22%)

Blue (71%)

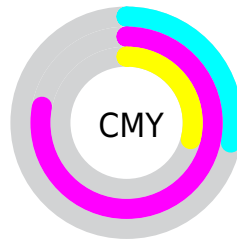


Cyan (0%)

Magenta (70%)

Yellow (2%)

Black (28%)



Cyan (28%)

Magenta (78%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color B837B5 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 B837B5 by changing the saturation by 10% instead.

 B837B5

 B837B5

FFFFFF

 9B109A

 F371ED

 7F007F

 FF8DFF

 630066

 FFAAFF

 48004D

 FFC7FF

 2F0036

 FFE4FF

 07001F

 000003

 000000

 B837B5

 B837B5

 B825B5

 B849B5

 B812B4

 B85CB6

 B800B4

 B86EB6

 B881B7

 B893B7

 B8A5B8

 B8B8B8

 B8CAB8

 B8DDB9

Harmonies

Analogous

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



5C60E4



B837B5



DB0076

Triad

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



B837B5



8C6D00



008BAD

Complementary

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



B837B5



37B83A

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.



008B6B



B837B5



4B7E00

Square

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



B837B5



BC5000



008724



0087DF

Rectangle

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



B837B5



DE0D4C



008724



008B98

Sweetspot

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



B837B5



F0BDEF



3937B8



785A77



F7F7F7



787878

Same Dimension

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



B837B5



F026EB



B83775



5C535C



9C0098



1C001B

Inverse Universe

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



B837B5



F026EB



37B87A



5C535C



9C0098



1C001B

Previews

White Background



This preview shows how the Hex color B837B5 looks on a white background.

Color Contrast Check

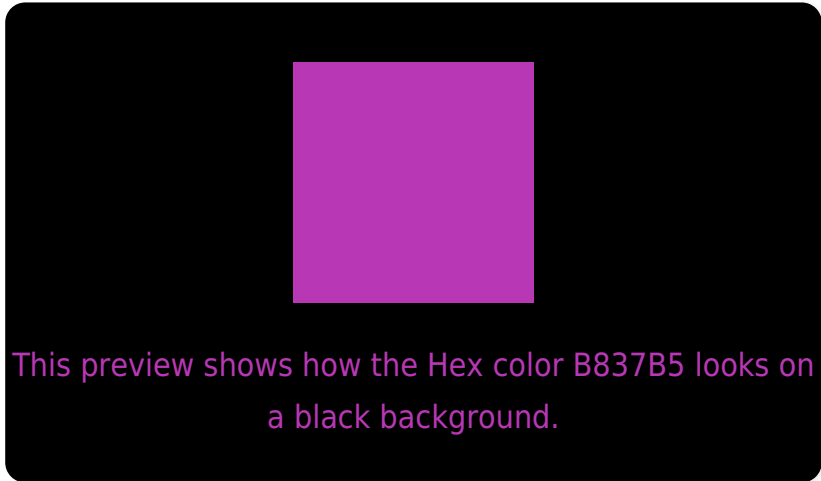
Large Text (above 18pt) WCAG AA ✓ Pass

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

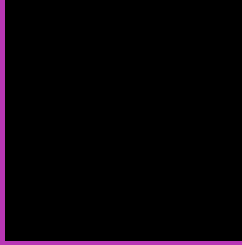
Any Text WCAG AA × Fail

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 B837B5 Background



This preview shows how black text looks on a background with the Hex color B837B5.

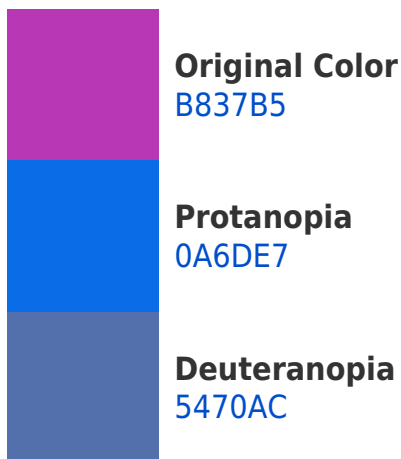


This preview shows how white text looks on a background with the Hex color B837B5.

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
AE555B

Trichromacy



Original Color
B837B5



Protanomaly
4959D5



Deuteranomaly
785BAF



Tritanomaly
B24A7C

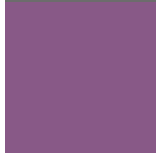
Monochromacy



Original Color
B837B5



Achromatopsia
6C6C6C



Achromatomaly
885987

CSS Examples

Text

The CSS property to change the color of the text to Hex B837B5 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 #B837B5 looks like.

```
.text, #text, p{  
    color:#B837B5  
}
```

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 #B837B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B837B5
}
```

Border

The CSS property to change the border of an element to Hex B837B5 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
#B837B5 }
```

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

```
.border{ border-color:#B837B5 }
```

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

Here you see how a box with a 4 pixel #B837B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B837B5; -webkit-box-shadow:4px 4px  
4px 4px #B837B5; box-shadow:4px 4px 4px  
4px #B837B5 }
```

Background

The CSS property to change the background color of an element to Hex B837B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B837B5 }
```

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

```
.background{ background-color:#B837B5 }
```

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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