

# Converting Colors

Hex(B837A1)

Have a look what the booklet for  
Hex(B837A1) contains.

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# Color

**Hex(B837A1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B837A1
RGB	184, 55, 161
RGB Percent	72%, 22%, 63%
CMY	0.2784, 0.7843, 0.3686
CMYK	0.00, 0.70, 0.13, 0.28
HSL	311°, 54%, 47%
HSV	311°, 70%, 72%
XYZ	27.5664, 15.4959, 35.2563
YIQ	105.6550, 42.8580, 60.3140

# Conversions

## Conversions Part 2

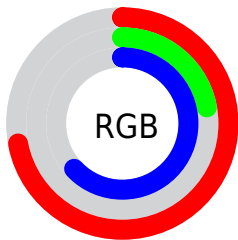
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 55, 161
Decimal	12072865
CIELab	46.31, 62.41, -29.91
CIELCh	46, 69.204, 334.390
Yxy	15.4959, 0.3520, 0.1979
Android (android.graphics.Color)	4290262945 (0xFFB837A1)
YUV	105.6550, 27.2851, 68.7086
Hunter-Lab	39.3649, 56.1112, -25.5464

# Details

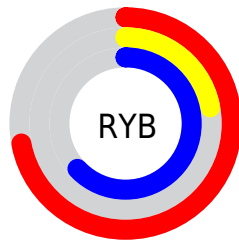
The Hex color **B837A1** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **37B84E**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **F371D8**, and **7F006D** is the 20% darker color. If you saturate the color by 10%, you get **B8259E**, and if you desaturate by 10%, it is **B849A4**.

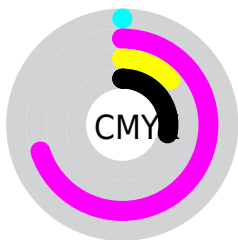
# Distribution



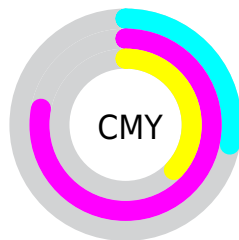
- Red (72%)
- Green (22%)
- Blue (63%)



- Red (72%)
- Yellow (22%)
- Blue (63%)



- Cyan (0%)
- Magenta (70%)
- Yellow (13%)
- Black (28%)



- Cyan (28%)
- Magenta (78%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B837A1 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 B837A1 by changing the saturation by 10% instead.



 B837A1

 B837A1

FFFFFF

 9B1287

 F371D8

 7F006D

 FF8DF5

 640054


 FFA9FF

 49003D

 FFC6FF

 2F0027

 FFE3FF

 02000F

 000000

 B837A1

 B837A1

 B8259E

 B849A4

 B8129A

 B85CA8

 B80097

 B86EAB

 B881AE

 B893B1

 B8A5B5

 B8B8B8

 B8CABB

 B8DDBF

# Harmonies

## Analogous

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



755ACF



B837A1



D11E68

# Triad

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



B837A1



7E6E00



0086AE

# Complementary

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



B837A1



37B84E

# 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.



008675



B837A1



407C00

# Square

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



B837A1



AC5700



008338



0081D7

# Rectangle

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



B837A1



CF2C42



008338



00879C



# Sweetspot

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



B837A1



F0BDE7



4C37B8



785A73



F7F7F7



787878



# Same Dimension

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



B837A1



F026CC



B83762



5C535A



9C0080



1C0017



# Inverse Universe

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



B837A1



F026CC



37B88D



5C535A



9C0080



1C0017



# Previews

## White Background



This preview shows how the Hex color B837A1 looks on a white background.

## Color Contrast Check

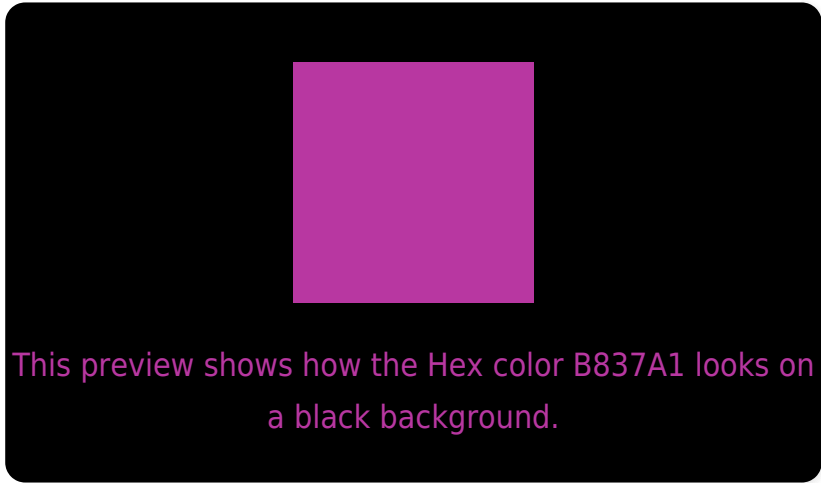
Large Text (above 18pt) WCAG AA ✓ Pass

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

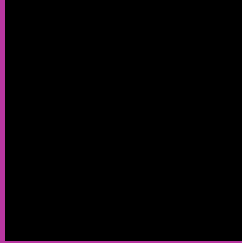
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B837A1 Background



This preview shows how black text looks on a background with the Hex color B837A1.



This preview shows how white text looks on a background with the Hex color B837A1.

# 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**  
B04F54

# Trichromacy



**Original Color**  
B837A1



**Protanomaly**  
6858BE



**Deuteranomaly**  
80599C



**Tritanomaly**  
B34670

# Monochromacy



**Original Color**  
B837A1



**Achromatopsia**  
6A6A6A



**Achromatomaly**  
86577E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B837A1 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 #B837A1 looks like.

```
.text, #text, p{  
    color:#B837A1  
}
```

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 #B837A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B837A1
}
```

## Border

The CSS property to change the border of an element to Hex B837A1 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
#B837A1 }
```

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

```
.border{ border-color:#B837A1 }
```

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

Here you see how a box with a 4 pixel #B837A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B837A1; -webkit-box-shadow:4px 4px  
4px 4px #B837A1; box-shadow:4px 4px 4px  
4px #B837A1 }
```

# Background

The CSS property to change the background color of an element to Hex B837A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B837A1 }
```

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

```
.background{ background-color:#B837A1 }
```

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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