

# Converting Colors

Hex(B811AF)

Have a look what the booklet for  
Hex(B811AF) contains.

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# Color

**Hex(B811AF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B811AF
RGB	184, 17, 175
RGB Percent	72%, 7%, 69%
CMY	0.2784, 0.9333, 0.3137
CMYK	0.00, 0.91, 0.05, 0.28
HSL	303°, 83%, 39%
HSV	303°, 91%, 72%
XYZ	27.7055, 13.6864, 41.7389
YIQ	84.9450, 48.8140, 84.5420

# Conversions

## Conversions Part 2

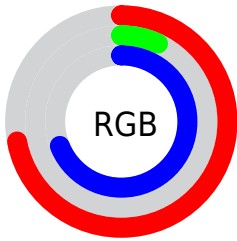
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 17, 175
Decimal	12063151
CIELab	43.78, 73.85, -42.22
CIELCh	44, 85.066, 330.245
Yxy	13.6864, 0.3333, 0.1646
Android (android.graphics.Color)	4290253231 (0xFFB811AF)
YUV	84.9450, 44.3971, 86.8712
Hunter-Lab	36.9951, 68.9364, -40.9961

# Details

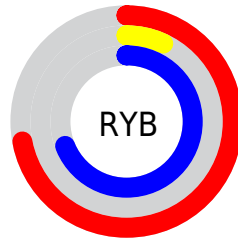
The Hex color **B811AF** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **11B81A**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **F45CE7**, and **7E007A** is the 20% darker color. If you saturate the color by 10%, you get **B800AE**, and if you desaturate by 10%, it is **B823B0**.

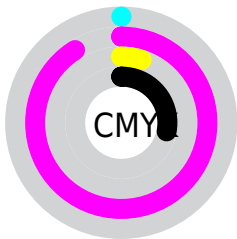
# Distribution



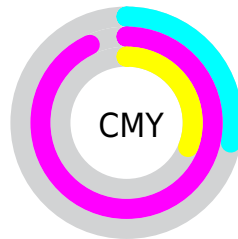
- Red (72%)
- Green (7%)
- Blue (69%)



- Red (72%)
- Yellow (7%)
- Blue (69%)



- Cyan (0%)
- Magenta (91%)
- Yellow (5%)
- Black (28%)



- Cyan (28%)
- Magenta (93%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B811AF 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 B811AF by changing the saturation by 10% instead.



 B811AF

 B811AF

FFFFFF

 9B0094

 F45CE7

 7E007A

 FF79FF

 620060

 FF96FF

 470048

 FFB4FF

 2B0031

 FFD1FF

 00001A

 FFEFFF

 000000

 B811AF

 B811AF

 B800AE

 B823B0

 B836B1

 B848B2

 B85BB3

 B86DB4

 B87FB5

 B892B6

 B8A4B7

 B8B7B8

# Harmonies

## Analogous

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



5254E4



B811AF



DB006A

# Triad

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



B811AF



7E6500



0083AE

# Complementary

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



B811AF



11B81A

# 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.



008366



B811AF



337700

# Square

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



B811AF



B44400



007F14



0080E4

# Rectangle

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



B811AF



DB003C



007F14



008397



# Sweetspot

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



B811AF



F0AFEC



1911B8



785176



F7F7F7



787878



# Same Dimension

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



B811AF



F000E3



B8115C



5C535B



9C0093



1C001B



# Inverse Universe

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



B811AF



F000E3



11B86D



5C535B



9C0093



1C001B



# Previews

## White Background



This preview shows how the Hex color B811AF looks on a white background.

## Color Contrast Check

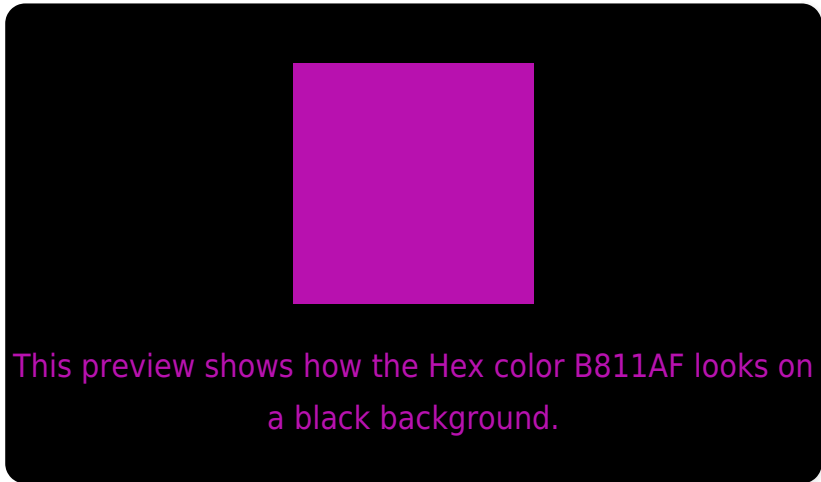
Large Text (above 18pt) WCAG AA ✓ Pass

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

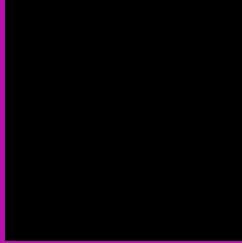
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B811AF Background



This preview shows how black text looks on a background with the Hex color B811AF.

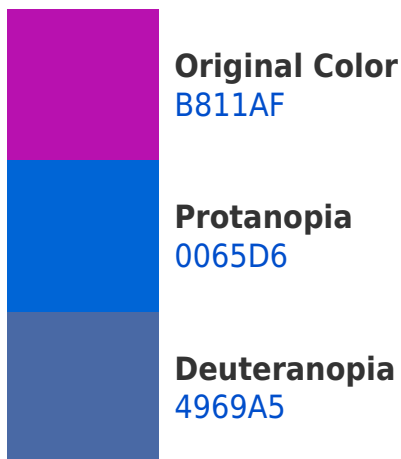



This preview shows how white text looks on a background with the Hex color B811AF.

# 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**  
AE464A

# Trichromacy



**Original Color**  
B811AF



**Protanomaly**  
4346C8



**Deuteranomaly**  
7149A9



**Tritanomaly**  
B2336F

# Monochromacy



**Original Color**  
B811AF



**Achromatopsia**  
555555



**Achromatomaly**  
793C76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B811AF 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 #B811AF looks like.

```
.text, #text, p{  
    color:#B811AF  
}
```

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 #B811AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B811AF
}
```

## Border

The CSS property to change the border of an element to Hex B811AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

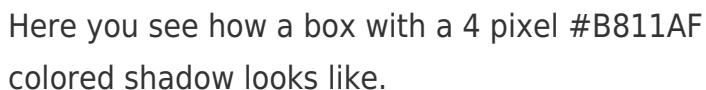
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B811AF }
```

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

```
.border{ border-color:#B811AF }
```

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



Here you see how a box with a 4 pixel #B811AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B811AF; -webkit-box-shadow:4px 4px  
4px 4px #B811AF; box-shadow:4px 4px 4px  
4px #B811AF }
```

# Background

The CSS property to change the background color of an element to Hex B811AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B811AF }
```

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

```
.background{ background-color:#B811AF }
```

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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