

# Converting Colors

Hex(B807B3)

Have a look what the booklet for  
Hex(B807B3) contains.

<b>Hex(B807B3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B807B3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B807B3
RGB	184, 7, 179
RGB Percent	72%, 3%, 70%
CMY	0.2784, 0.9725, 0.2980
CMYK	0.00, 0.96, 0.03, 0.28
HSL	302°, 93%, 37%
HSV	302°, 96%, 72%
XYZ	27.9798, 13.5970, 43.7976
YIQ	79.5310, 50.2800, 91.0160

# Conversions

## Conversions Part 2

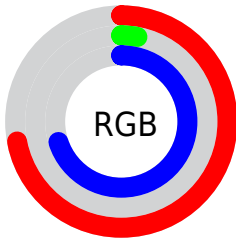
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 7, 179
Decimal	12060595
CIELab	43.65, 75.50, -44.79
CIELCh	44, 87.791, 329.321
Yxy	13.5970, 0.3277, 0.1593
Android (android.graphics.Color)	4290250675 (0xFFB807B3)
YUV	79.5310, 49.0382, 91.6193
Hunter-Lab	36.8741, 70.9151, -44.6105

# Details

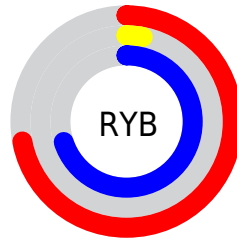
The Hex color **B807B3** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **07B80C**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **F459EB**, and **7E007D** is the 20% darker color. If you saturate the color by 10%, you get **B800B3**, and if you desaturate by 10%, it is **B819B4**.

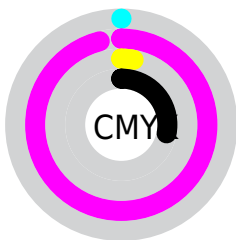
# Distribution



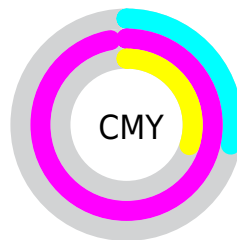
- Red (72%)
- Green (3%)
- Blue (70%)



- Red (72%)
- Yellow (3%)
- Blue (70%)



- Cyan (0%)
- Magenta (96%)
- Yellow (3%)
- Black (28%)



- Cyan (28%)
- Magenta (97%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B807B3 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 B807B3 by changing the saturation by 10% instead.



 B807B3

 B807B3

FFFFFF

 9B0098

 F459EB

 7E007D

 FF77FF

 620064

 FF94FF

 46004B

 FFB2FF

 2B0034

 FFCFFF

 00001D

 FFE0FF

 000000

 B807B3

 B807B3

 B800B3

 B819B4

 B82CB4

 B83EB5

 B851B5

 B863B6

 B875B6

 B888B7

 B89AB7

 B8ADB8

# Harmonies

## Analogous

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



4854E9



B807B3



DD006C

# Triad

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



B807B3



806400



0084AE

# Complementary

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



B807B3



07B80C

# 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.



008364



B807B3



337600

# Square

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



B807B3



B64100



007F0A



0080E6

# Rectangle

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



B807B3



DE003D



007F0A



008496



# Sweetspot

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



B807B3



F0AAEE



0A07B8



784E77



F7F7F7



787878



# Same Dimension

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



B807B3



F000E9



B8075D



5C535C



9C0097



1C001B



# Inverse Universe

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



B807B3



F000E9



07B862



5C535C



9C0097



1C001B



# Previews

## White Background



This preview shows how the Hex color B807B3 looks on a white background.

## Color Contrast Check

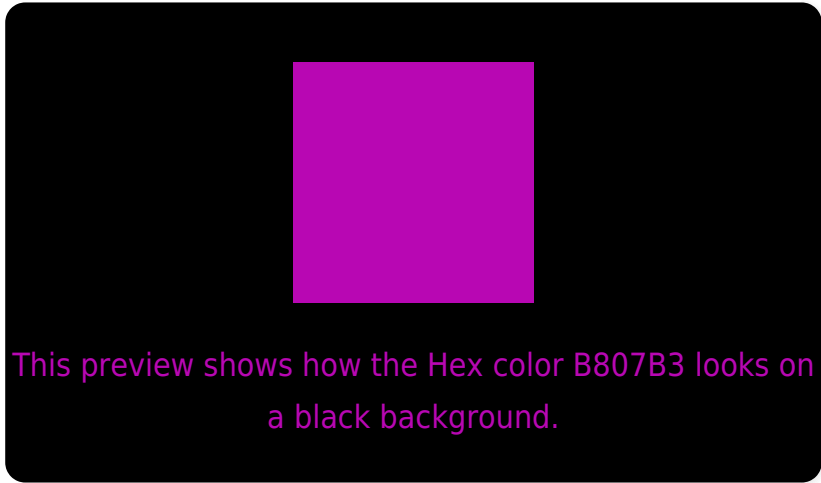
Large Text (above 18pt) WCAG AA ✓ Pass

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

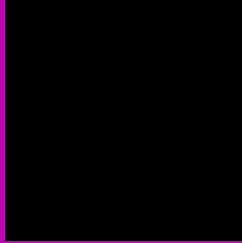
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B807B3 Background



This preview shows how black text looks on a background with the Hex color B807B3.

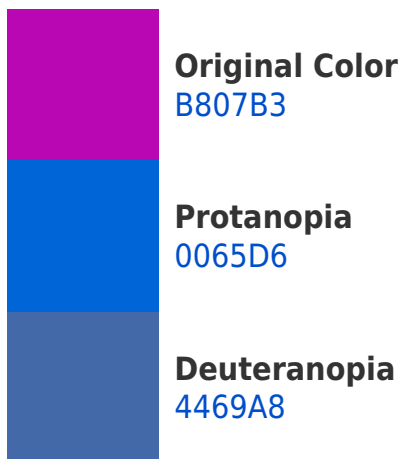


This preview shows how white text looks on a background with the Hex color B807B3.

# 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**  
AD464B

# Trichromacy



**Original Color**  
B807B3



**Protanomaly**  
4343C9



**Deuteranomaly**  
6E45AC



**Tritanomaly**  
B12F71

# Monochromacy



**Original Color**  
B807B3



**Achromatopsia**  
505050



**Achromatomaly**  
763574

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B807B3 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 #B807B3 looks like.

```
.text, #text, p{  
    color:#B807B3  
}
```

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 #B807B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B807B3
}
```

## Border

The CSS property to change the border of an element to Hex B807B3 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
#B807B3 }
```

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

```
.border{ border-color:#B807B3 }
```

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

Here you see how a box with a 4 pixel #B807B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B807B3; -webkit-box-shadow:4px 4px  
4px 4px #B807B3; box-shadow:4px 4px 4px  
4px #B807B3 }
```

# Background

The CSS property to change the background color of an element to Hex B807B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B807B3 }
```

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

```
.background{ background-color:#B807B3 }
```

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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