

Converting Colors

Hex(B687C0)

Have a look what the booklet for
Hex(B687C0) contains.

Hex(B687C0)	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(B687C0)

Conversions

Conversions Part 1

Format	Color
Hex	B687C0
RGB	182, 135, 192
RGB Percent	71%, 53%, 75%
CMY	0.2863, 0.4706, 0.2471
CMYK	0.05, 0.30, 0.00, 0.25
HSL	289°, 31%, 64%
HSV	289°, 30%, 75%
XYZ	37.4698, 31.0788, 53.8931
YIQ	155.5510, 9.7150, 27.6910

Conversions

Conversions Part 2

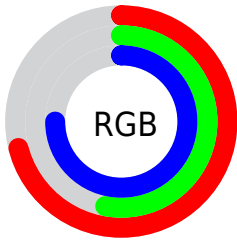
Format	Color
RYB	182, 135, 192
Decimal	11962304
CIELab	62.57, 27.94, -22.73
CIELCh	63, 36.020, 320.867
Yxy	31.0788, 0.3060, 0.2538
Android (android.graphics.Color)	4290152384 (0xFFB687C0)
YUV	155.5510, 17.9694, 23.1958
Hunter-Lab	55.7484, 22.4145, -18.2930

Details

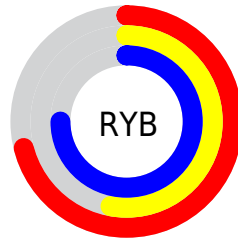
The Hex color **B687C0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **91C087**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **EFBDF9**, and **80558A** is the 20% darker color. If you saturate the color by 10%, you get **B374C0**, and if you desaturate by 10%, it is **B99AC0**.

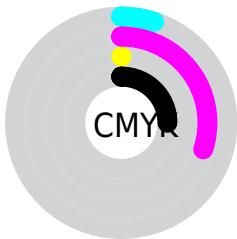
Distribution



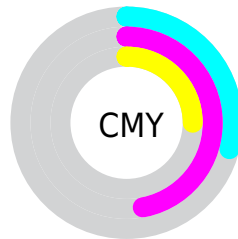
- Red (71%)
- Green (53%)
- Blue (75%)



- Red (71%)
- Yellow (53%)
- Blue (75%)



- Cyan (5%)
- Magenta (30%)
- Yellow (0%)
- Black (25%)



- Cyan (29%)
- Magenta (47%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color B687C0 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 B687C0 by changing the saturation by 10% instead.

 B687C0

 B687C0

FFFFFF

 9B6DA5

 EFBDF9

 80558A


 FFD9FF

 673D71

 FFF5FF

 4E2658

 360F41

 21002A

 000115

 000000

 B687C0

 B687C0

 B374C0

 B99AC0

 AF61C0

 BDADC0

 AC4DC0

 C0C1C0

 A93AC0

 C3D4C0

 A527C0

 C7E7C0

 A214C0

 CAFAC0

 9E01C0

 CEFFC0

 9E00C0

 D1FFC0

 D4FFC0

Harmonies

Analogous

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



8C93D3



B687C0



CF7FA2

Triad

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



B687C0



B59258



01A8AD

Complementary

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



B687C0



91C087

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.



45A88C



B687C0



969C5A

Square

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



B687C0



CC8767



71A46E



0BA5C8

Rectangle

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



B687C0



D57E8D



71A46E



20A8A2

Sweetspot

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



B687C0



F6E3FA



8791C0



7B6F7D



FCFCFC



7D7D7D

Same Dimension

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



B687C0



EAA0FA



C087AE



5F5761



8400A1



1B0021

Inverse Universe

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



C08791



FAA0B0



87C099



615759



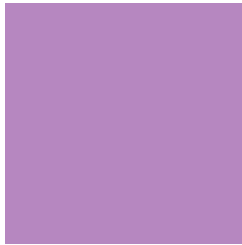
A1001C



210006

Previews

White Background



This preview shows how the Hex color B687C0 looks on a white background.

Color Contrast Check

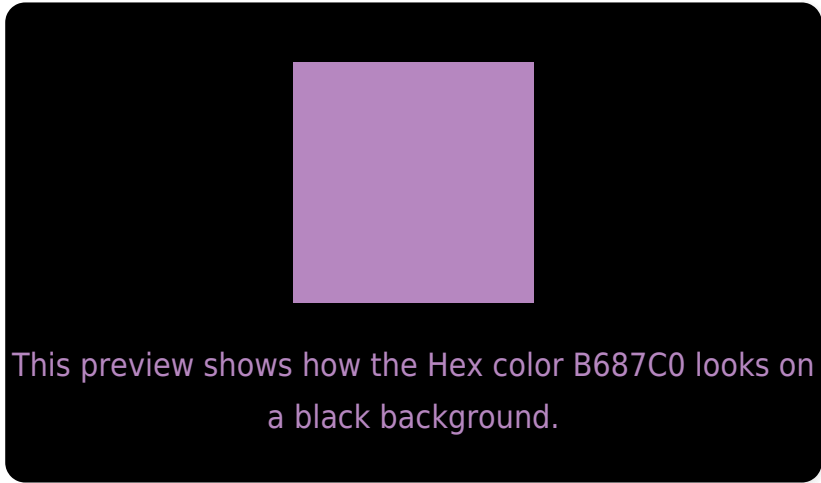
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

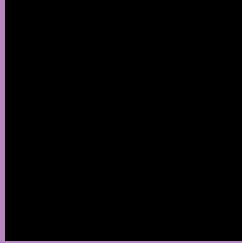
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex B687C0 Background



This preview shows how black text looks on a background with the Hex color B687C0.

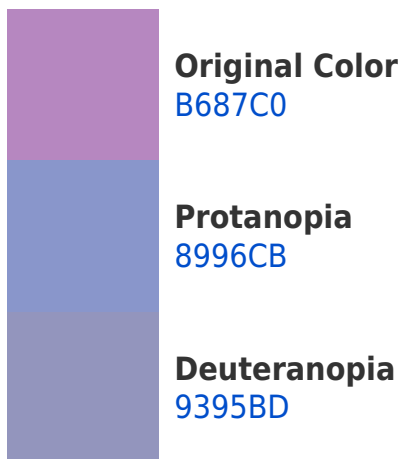


This preview shows how white text looks on a background with the Hex color B687C0.

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](#).

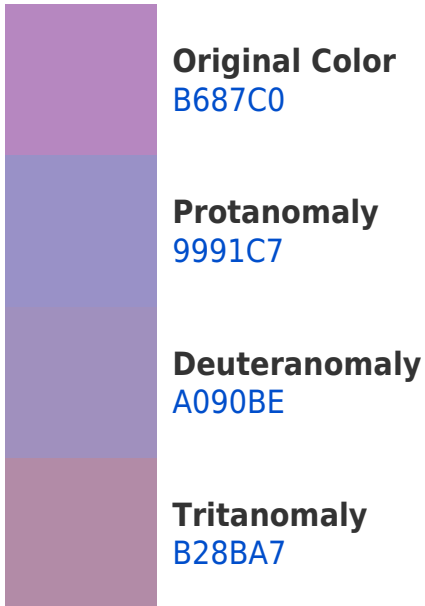
Dichromacy



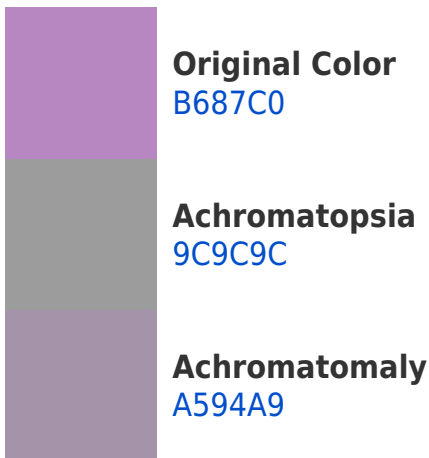


Tritanopia
B08E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B687C0 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 #B687C0 looks like.

```
.text, #text, p{  
    color:#B687C0  
}
```

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 #B687C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B687C0
}
```

Border

The CSS property to change the border of an element to Hex B687C0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

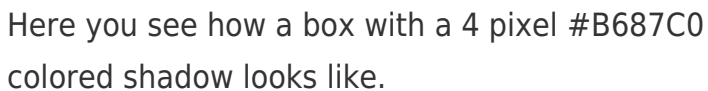
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B687C0 }
```

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

```
.border{ border-color:#B687C0 }
```

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



Here you see how a box with a 4 pixel #B687C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B687C0; -webkit-box-shadow:4px 4px  
4px 4px #B687C0; box-shadow:4px 4px 4px  
4px #B687C0 }
```

Background

The CSS property to change the background color of an element to Hex B687C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B687C0 }
```

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

```
.background{ background-color:#B687C0 }
```

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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