

Converting Colors

Hex(B487BF)

Have a look what the booklet for
Hex(B487BF) contains.

Hex(B487BF)	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(B487BF)

Conversions

Conversions Part 1

Format	Color
Hex	B487BF
RGB	180, 135, 191
RGB Percent	71%, 53%, 75%
CMY	0.2941, 0.4706, 0.2510
CMYK	0.06, 0.29, 0.00, 0.25
HSL	288°, 30%, 64%
HSV	288°, 29%, 75%
XYZ	36.8903, 30.7928, 53.2895
YIQ	154.8390, 8.8440, 26.9560

Conversions

Conversions Part 2

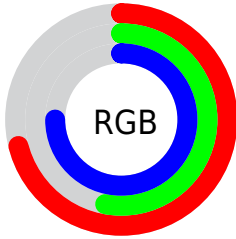
Format	Color
R_{YB}	180, 135, 191
Decimal	11831231
CIE _{Lab}	62.33, 27.08, -22.56
CIE _{LCh}	62, 35.245, 320.209
Yxy	30.7928, 0.3049, 0.2545
Android (android.graphics.Color)	4290021311 (0xFFB487BF)
YUV	154.8390, 17.8274, 22.0662
Hunter-Lab	55.4913, 21.5562, -18.0936

Details

The Hex color **B487BF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **92BF87**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **ECBDF7**, and **7E5589** is the 20% darker color. If you saturate the color by 10%, you get **B074BF**, and if you desaturate by 10%, it is **B89ABF**.

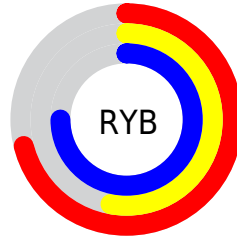
Distribution



Red (71%)

Green (53%)

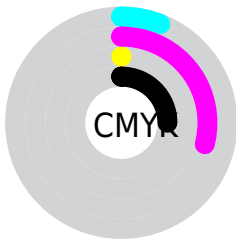
Blue (75%)



Red (71%)

Yellow (53%)

Blue (75%)

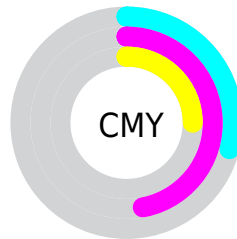


Cyan (6%)

Magenta (29%)

Yellow (0%)

Black (25%)



Cyan (29%)

Magenta (47%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color B487BF 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 B487BF by changing the saturation by 10% instead.

 B487BF

 B487BF

FFFFFF

 996DA4

 ECBDF7

 7E5589

 FFD9FF

 653D70

 FFF5FF

 4C2657

 340F40

 20002A

 000114

 000000

 B487BF

 B487BF

 B074BF

 B89ABF

 AC61BF

 BCADBF

 A94EBF

 BFC0BF

 A53BBF

 C3D3BF

 A128BF

 C7E7BF

 9D14BF

 CBFABF

 9A01BF

 CEFFBF

 9900BF

 D2FFBF

 D6FFBF

Harmonies

Analogous

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



8B92D1



B487BF



CD7FA2

Triad

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



B487BF



B49159



12A7AB

Complementary

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



B487BF



92BF87

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.



48A78B



B487BF



969B5B

Square

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



B487BF



CA8768



72A36E



16A4C6

Rectangle

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



B487BF



D37E8D



72A36E



27A7A1

Sweetspot

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



B487BF



F3E1F7



8792BF



7A6F7D



FCFCFC



7D7D7D

Same Dimension

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



B487BF



E6A1F7



BF87AE



5C555E



7F009E



19001F

Inverse Universe

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



BF8792



F7A1B2



87BF98



5E5557



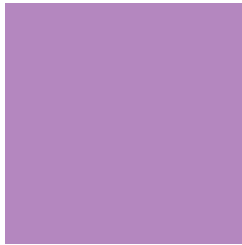
9E001F



1F0006

Previews

White Background



This preview shows how the Hex color B487BF looks on a white background.

Color Contrast Check

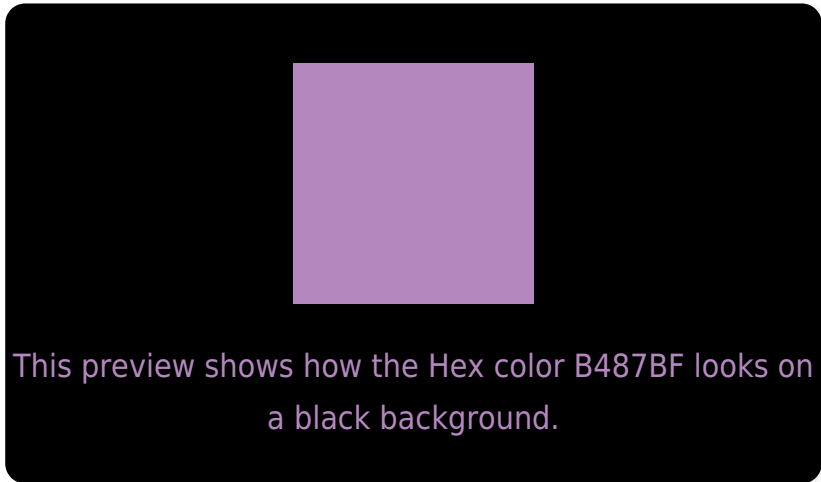
Large Text (above 18pt) WCAG AA × Fail

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

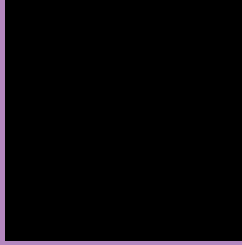
Any Text WCAG AA ✓ Pass

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 B487BF Background



This preview shows how black text looks on a background with the Hex color B487BF.

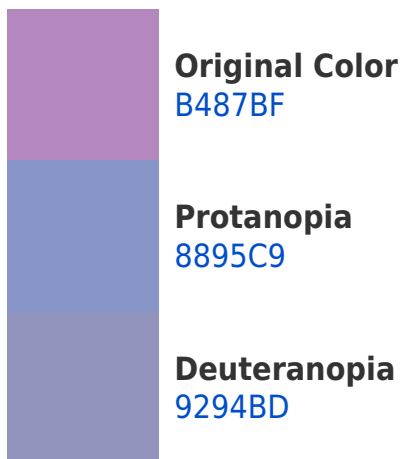


This preview shows how white text looks on a background with the Hex color B487BF.

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](#).

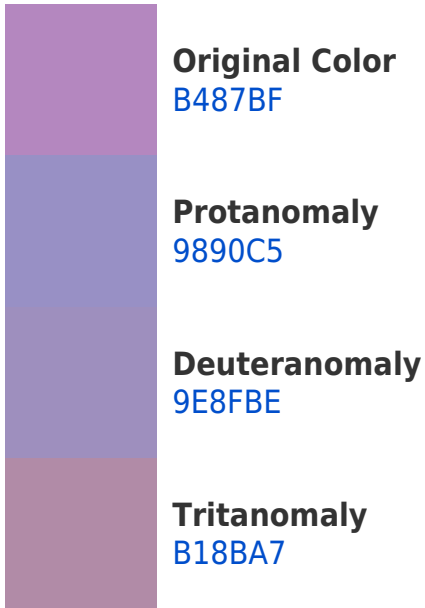
Dichromacy



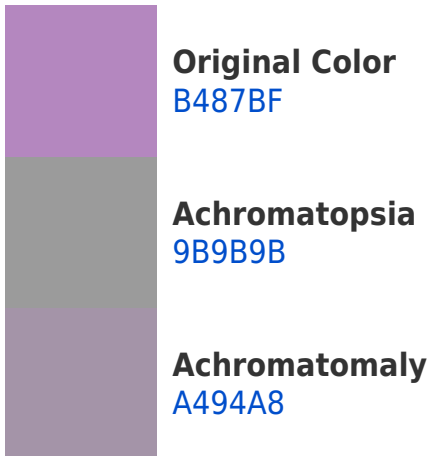


Tritanopia
AF8E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B487BF 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 #B487BF looks like.

```
.text, #text, p{  
    color:#B487BF  
}
```

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 #B487BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B487BF
}
```

Border

The CSS property to change the border of an element to Hex B487BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

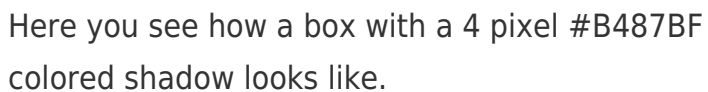
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B487BF }
```

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

```
.border{ border-color:#B487BF }
```

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



Here you see how a box with a 4 pixel #B487BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B487BF; -webkit-box-shadow:4px 4px  
4px 4px #B487BF; box-shadow:4px 4px 4px  
4px #B487BF }
```

Background

The CSS property to change the background color of an element to Hex B487BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B487BF }
```

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

```
.background{ background-color:#B487BF }
```

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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