

Converting Colors

Hex(B487D8)

Have a look what the booklet for
Hex(B487D8) contains.

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Color

Hex(B487D8)

Conversions

Conversions Part 1

Format	Color
Hex	B487D8
RGB	180, 135, 216
RGB Percent	71%, 53%, 85%
CMY	0.2941, 0.4706, 0.1529
CMYK	0.17, 0.38, 0.00, 0.15
HSL	273°, 51%, 69%
HSV	273°, 38%, 85%
XYZ	39.8810, 31.9891, 69.0383
YIQ	157.6890, 0.8190, 34.7310

Conversions

Conversions Part 2

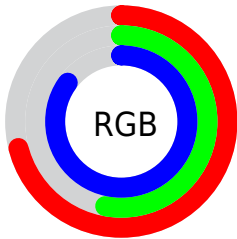
Format	Color
RYB	180, 135, 216
Decimal	11831256
CIELab	63.33, 32.37, -35.04
CIELCh	63, 47.699, 312.731
Yxy	31.9891, 0.2830, 0.2270
Android (android.graphics.Color)	4290021336 (0xFFB487D8)
YUV	157.6890, 28.7473, 19.5667
Hunter-Lab	56.5589, 26.8865, -32.7807

Details

The Hex color **B487D8** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **ABD887**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **EDBDFF**, and **7E54A1** is the 20% darker color. If you saturate the color by 10%, you get **AA71D8**, and if you desaturate by 10%, it is **BE9DD8**.

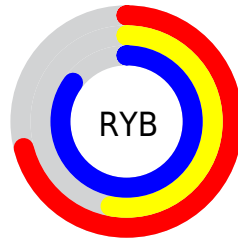
Distribution



Red (71%)

Green (53%)

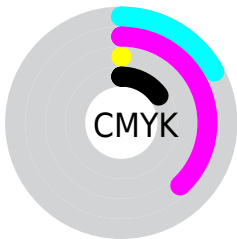
Blue (85%)



Red (71%)

Yellow (53%)

Blue (85%)

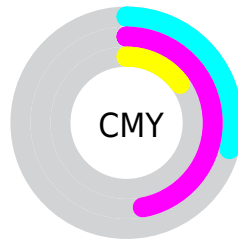


Cyan (17%)

Magenta (38%)

Yellow (0%)

Black (15%)



Cyan (29%)

Magenta (47%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color B487D8 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 B487D8 by changing the saturation by 10% instead.

 B487D8

 B487D8

FFFFFF

 996DBC

 EDBDFF

 7E54A1

 FFD9FF

 643C86

 FFF5FF

 4A256D

 310E54

 1B003C

 000026

 00010F

 000000

 B487D8

 B487D8

 AA71D8

 BE9DD8

 A15CD8

 C7B2D8

 9746D8

 D1C8D8

 8E31D8

 DADDD8

 841BD8

 E4F3D8

 7A05D8

 EEFFD8

 7800D8

 F7FFD8

 FFFFD8

Harmonies

Analogous

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



7298EC



B487D8



DB79B4

Triad

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



B487D8



C78E47



00AFAB

Complementary

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



B487D8



ABD887

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.



2CAD7F



B487D8



A19D43

Square

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



B487D8



E17F62



72A759



00ACD2

Rectangle

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



B487D8



E77597



72A759



00AF9C

Sweetspot

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



B487D8



F3E3FF



87ABD8



786F80



000000



808080

Same Dimension

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



B487D8



CC8CFF



D887D4



66606B



5F00AB



18002B

Inverse Universe

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



D887AB



FF8CBF



87D88B



6B6065



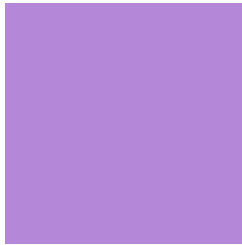
AB004C



2B0013

Previews

White Background



This preview shows how the Hex color B487D8 looks on a white background.

Color Contrast Check

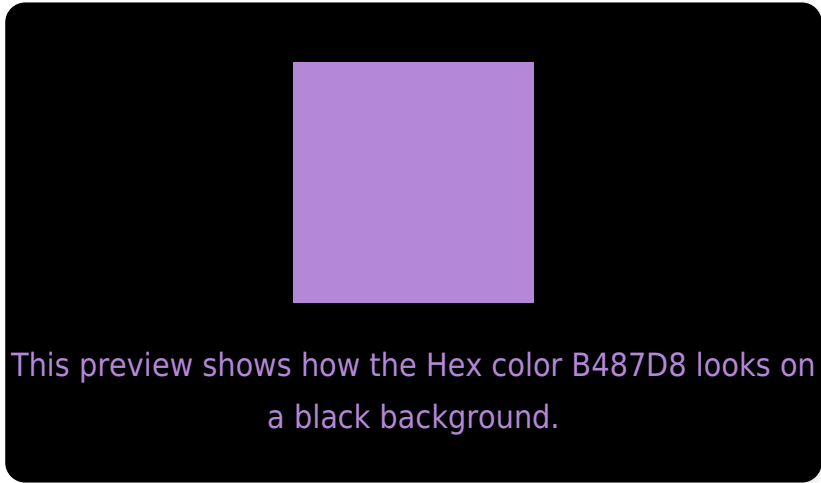
Large Text (above 18pt) WCAG AA × Fail

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

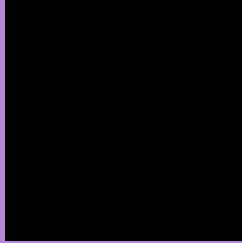
Any Text WCAG AA ✓ Pass

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 B487D8 Background



This preview shows how black text looks on a background with the Hex color B487D8.

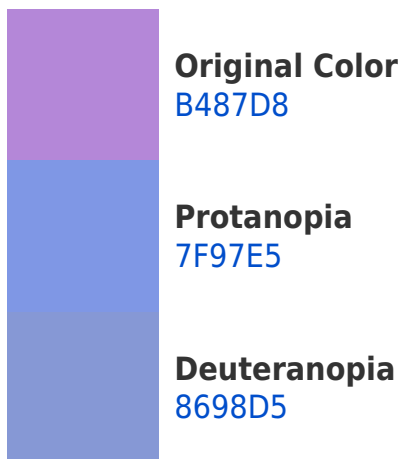



This preview shows how white text looks on a background with the Hex color B487D8.

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
AB939E

Trichromacy



Original Color
B487D8



Protanomaly
9291E0



Deuteranomaly
9792D6



Tritanomaly
AE8FB3

Monochromacy



Original Color
B487D8



Achromatopsia
9E9E9E



Achromatomaly
A696B3

CSS Examples

Text

The CSS property to change the color of the text to Hex B487D8 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 #B487D8 looks like.

```
.text, #text, p{  
    color:#B487D8  
}
```

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 #B487D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B487D8  
}
```

Border

The CSS property to change the border of an element to Hex B487D8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

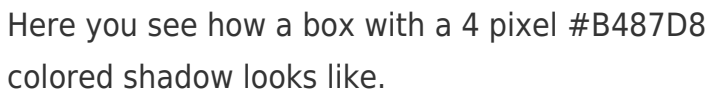
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B487D8 }
```

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

```
.border{ border-color:#B487D8 }
```

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



Here you see how a box with a 4 pixel #B487D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B487D8; -webkit-box-shadow:4px 4px  
4px 4px #B487D8; box-shadow:4px 4px 4px  
4px #B487D8 }
```

Background

The CSS property to change the background color of an element to Hex B487D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B487D8 }
```

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

```
.background{ background-color:#B487D8 }
```

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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