

Converting Colors

Hex(B187DC)

Have a look what the booklet for
Hex(B187DC) contains.

Hex(B187DC)	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(B187DC)

Conversions

Conversions Part 1

Format	Color
Hex	B187DC
RGB	177, 135, 220
RGB Percent	69%, 53%, 86%
CMY	0.3059, 0.4706, 0.1373
CMYK	0.20, 0.39, 0.00, 0.14
HSL	270°, 55%, 70%
HSV	270°, 39%, 86%
XYZ	39.7137, 31.8424, 71.7632
YIQ	157.2480, -2.2530, 35.3390

Conversions

Conversions Part 2

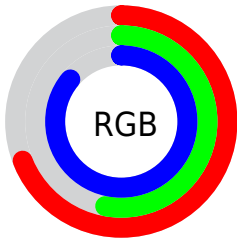
Format	Color
RYB	177, 135, 220
Decimal	11634652
CIELab	63.21, 32.37, -37.48
CIELCh	63, 49.519, 310.813
Yxy	31.8424, 0.2771, 0.2222
Android (android.graphics.Color)	4289824732 (0xFFB187DC)
YUV	157.2480, 30.9367, 17.3225
Hunter-Lab	56.4290, 26.8741, -35.9013

Details

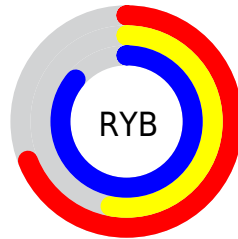
The Hex color **B187DC** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B2DC87**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **EABDFF**, and **7B54A5** is the 20% darker color. If you saturate the color by 10%, you get **A671DC**, and if you desaturate by 10%, it is **BC9DDC**.

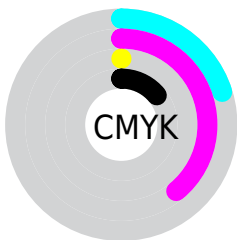
Distribution



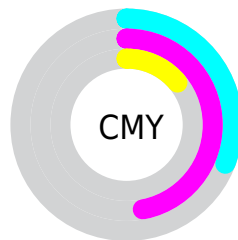
- Red (69%)
- Green (53%)
- Blue (86%)



- Red (69%)
- Yellow (53%)
- Blue (86%)



- Cyan (20%)
- Magenta (39%)
- Yellow (0%)
- Black (14%)



- Cyan (31%)
- Magenta (47%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color B187DC 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 B187DC by changing the saturation by 10% instead.

 B187DC

 B187DC

FFFFFF

 966DC0

 EABDFF

 7B54A5

 FFD9FF

 613C8A

 FFF5FF

 472570

 2E0E57

 170040

 000029

 000113

 000000

 B187DC

 B187DC

 A671DC

 BC9DDC

 9B5BDC

 C7B3DC

 9045DC

 D2C9DC

 842FDC

 DEDFDC

 7919DC

 E9F5DC

 6E03DC

 F4FFDC

 6D00DC

 FFFFDC

Harmonies

Analogous

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



6998F0



B187DC



DB78B7

Triad

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



B187DC



CA8C44



00AFA8

Complementary

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



B187DC



B2DC87

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.



2AAD7A



B187DC



A39C3E

Square

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



B187DC



E47C62



73A753



00ADD1

Rectangle

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



B187DC



E9739A



73A753



00AF99

Sweetspot

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



B187DC



F0E0FF



87B3DC



766E80



000000



808080

Same Dimension

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



B187DC



C48AFF



DB87DC



68636E



5600AD



17002E

Inverse Universe

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



DC87B2



FF8AC5



88DC87



6E6368



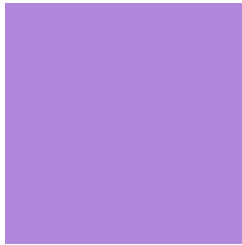
AD0058



2E0017

Previews

White Background



This preview shows how the Hex color B187DC looks on a white background.

Color Contrast Check

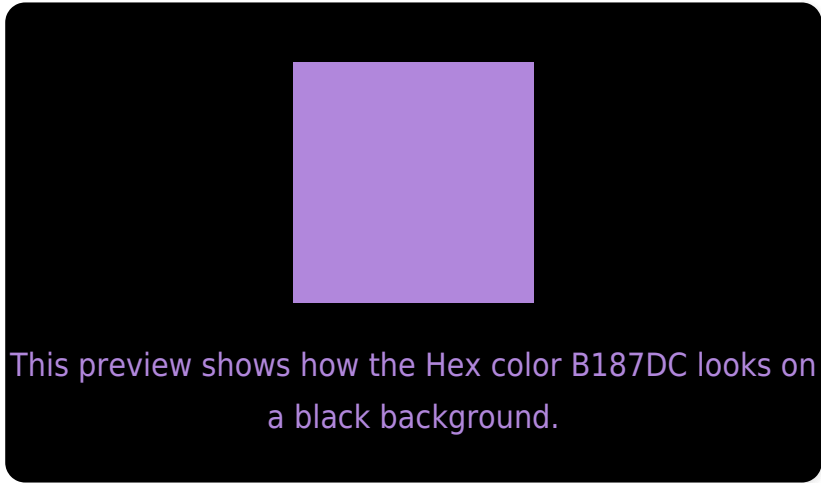
Large Text (above 18pt) WCAG AA × Fail

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

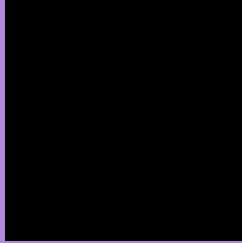
Any Text WCAG AA ✓ Pass

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 B187DC Background



This preview shows how black text looks on a background with the Hex color B187DC.

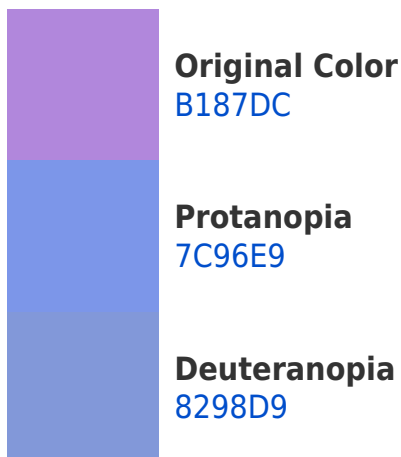


This preview shows how white text looks on a background with the Hex color B187DC.

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](#).

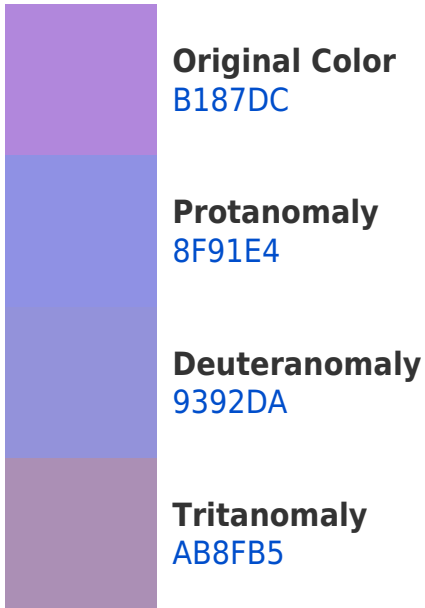
Dichromacy



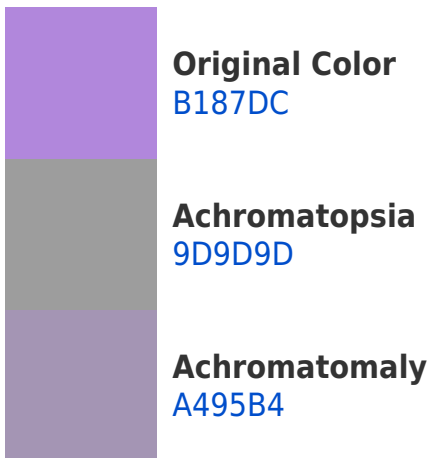


Tritanopia
A7949F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B187DC 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 #B187DC looks like.

```
.text, #text, p{  
  color:#B187DC  
}
```

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 #B187DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B187DC
}
```

Border

The CSS property to change the border of an element to Hex B187DC 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".

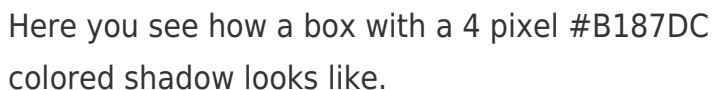
```
.border, #border, table{ border:4px solid
#B187DC }
```

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

```
.border{ border-color:#B187DC }
```

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

Here you see how a box with a 4 pixel #B187DC colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and there is a thick purple shadow cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B187DC; -webkit-box-shadow:4px 4px  
4px 4px #B187DC; box-shadow:4px 4px 4px  
4px #B187DC }
```

Background

The CSS property to change the background color of an element to Hex B187DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B187DC }
```

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

```
.background{ background-color:#B187DC }
```

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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