

# Converting Colors

Hex(B188CD)

Have a look what the booklet for  
Hex(B188CD) contains.

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# **Color**

**Hex(B188CD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B188CD
RGB	177, 136, 205
RGB Percent	69%, 53%, 80%
CMY	0.3059, 0.4667, 0.1961
CMYK	0.14, 0.34, 0.00, 0.20
HSL	276°, 41%, 67%
HSV	276°, 34%, 80%
XYZ	37.9551, 31.3632, 61.8109
YIQ	156.1250, 2.2870, 30.1510

# Conversions

## Conversions Part 2

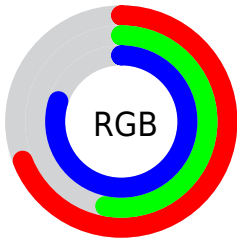
Format	Color
<a href="#">RYB</a>	<a href="#">177, 136, 205</a>
Decimal	<a href="#">11634893</a>
CIELab	<a href="#">62.81, 28.49, -29.72</a>
CIElCh	<a href="#">63, 41.165, 313.788</a>
Yxy	<a href="#">31.3632, 0.2894, 0.2392</a>
Android (android.graphics.Color)	<a href="#">4289824973 (0xFFB188CD)</a>
YUV	<a href="#">156.1250, 24.0954, 18.3074</a>
Hunter-Lab	<a href="#">56.0029, 22.9706, -26.2369</a>

# Details

The Hex color **B188CD** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A4CD88**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **E9BEFF**, and **7B5696** is the 20% darker color. If you saturate the color by 10%, you get **A974CD**, and if you desaturate by 10%, it is **B99DCD**.

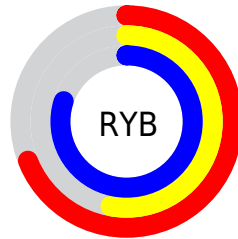
# Distribution



Red (69%)

Green (53%)

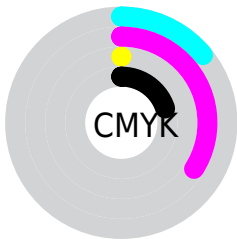
Blue (80%)



Red (69%)

Yellow (53%)

Blue (80%)

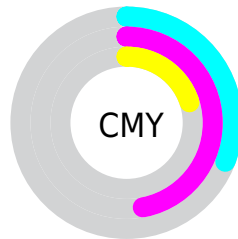


Cyan (14%)

Magenta (34%)

Yellow (0%)

Black (20%)



Cyan (31%)

Magenta (47%)

Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the Hex color B188CD 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 B188CD by changing the saturation by 10% instead.



 B188CD

 B188CD

FFFFFF

 966EB1

 E9BEFF

 7B5696

 FFDAFF

 623E7C

 FFF6FF

 492763

 31104B

 1C0034

 00021E

 000000

 B188CD

 B188CD

 A974CD

 B99DCD

 A05FCD

 C2B1CD

 984BCD

 CAC6CD

 9036CD

 D2DACD

 8722CD

 DBEFC D

 7F0DCD

 E3FFCD

 7A00CD

 EBFFCD

 F4FFCD

 FCFFCD

# Harmonies

## Analogous

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



7C96DF



B188CD



D27DAD

# Triad

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



B188CD



C08F51



00ABA8

# Complementary

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



B188CD



A4CD88

# 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.



42AA82



B188CD



9E9B4F

# Square

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



B188CD



D78267



75A462



00A8CA

# Rectangle

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



B188CD



DC7A95



75A462



00AB9C



# Sweetspot

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



B188CD



F5E6FF



88A5CD



797080



000000



808080



# Same Dimension

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



B188CD



D699FF



CD88C7



625C66



6200A6



170026



# Inverse Universe

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



CD88A4



FF99C2



88CD8E



665C60



A60043

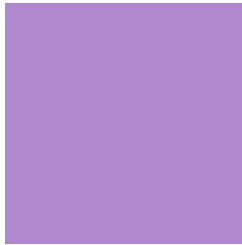


260010



# Previews

## White Background



This preview shows how the Hex color B188CD looks on a white background.

## Color Contrast Check

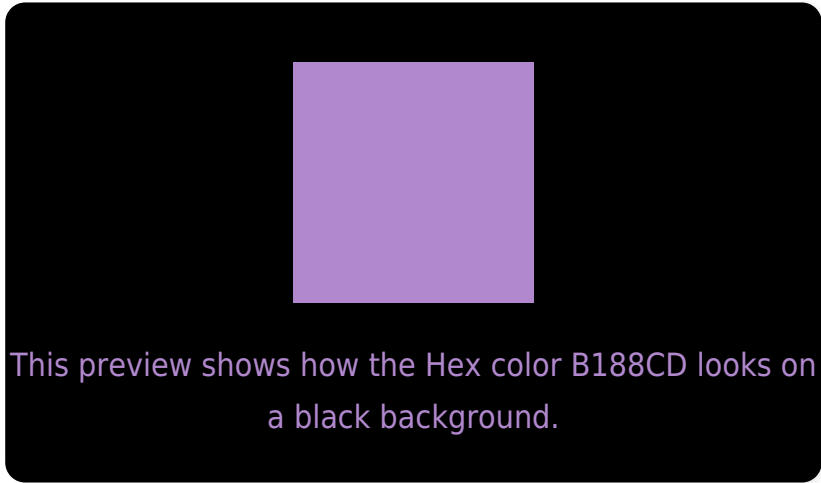
Large Text (above 18pt) WCAG AA × Fail

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

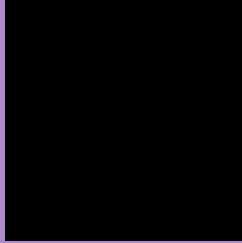
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B188CD Background



This preview shows how black text looks on a background with the Hex color B188CD.

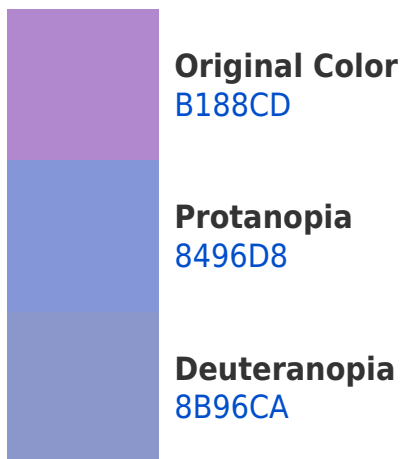



This preview shows how white text looks on a background with the Hex color B188CD.

# 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](#).

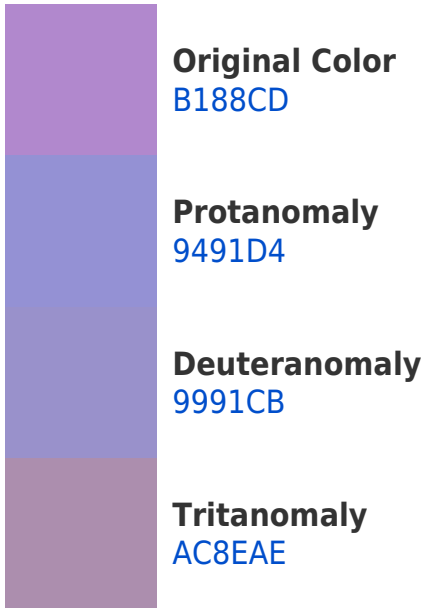
## Dichromacy



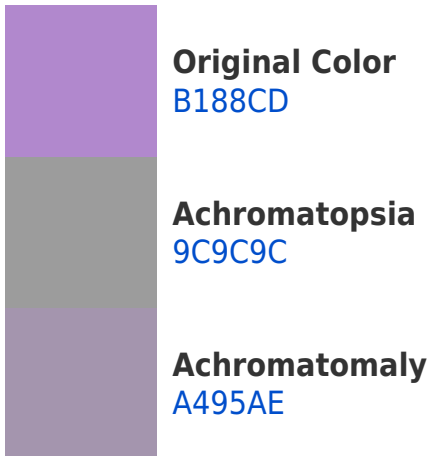


**Tritanopia**  
A9929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B188CD 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 #B188CD looks like.

```
.text, #text, p{  
    color:#B188CD  
}
```

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 #B188CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B188CD
}
```

## Border

The CSS property to change the border of an element to Hex B188CD is called "border". The border property can be set on classes, ids or directly on the HTML element.

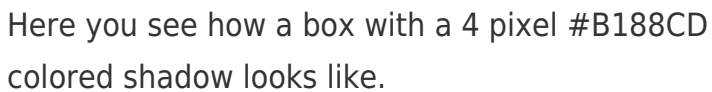
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B188CD }
```

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

```
.border{ border-color:#B188CD }
```

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



Here you see how a box with a 4 pixel #B188CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B188CD; -webkit-box-shadow:4px 4px  
4px 4px #B188CD; box-shadow:4px 4px 4px  
4px #B188CD }
```

# Background

The CSS property to change the background color of an element to Hex B188CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B188CD }
```

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

```
.background{ background-color:#B188CD }
```

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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