

# Converting Colors

Hex(B18BBE)

Have a look what the booklet for  
Hex(B18BBE) contains.

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# **Color**

**Hex(B18BBE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B18BBE
RGB	177, 139, 190
RGB Percent	69%, 55%, 75%
CMY	0.3059, 0.4549, 0.2549
CMYK	0.07, 0.27, 0.00, 0.25
HSL	285°, 28%, 65%
HSV	285°, 27%, 75%
XYZ	36.6583, 31.5301, 52.8690
YIQ	156.1760, 6.2770, 23.9170

# Conversions

## Conversions Part 2

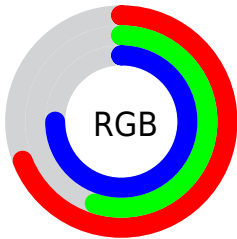
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 139, 190
Decimal	11635646
CIELab	62.95, 23.64, -21.07
CIELCh	63, 31.670, 318.291
Yxy	31.5301, 0.3028, 0.2605
Android (android.graphics.Color)	4289825726 (0xFFB18BBE)
YUV	156.1760, 16.6752, 18.2626
Hunter-Lab	56.1516, 18.2676, -16.5178

# Details

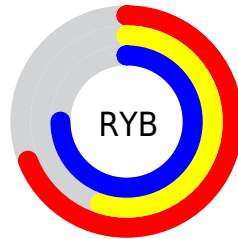
The Hex color **B18BBE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **98BE8B**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **E9C1F6**, and **7C5988** is the 20% darker color. If you saturate the color by 10%, you get **AC78BE**, and if you desaturate by 10%, it is **B69EBE**.

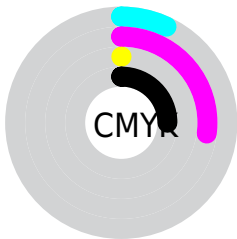
# Distribution



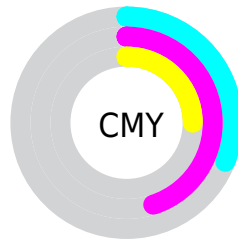
- Red (69%)
- Green (55%)
- Blue (75%)



- Red (69%)
- Yellow (55%)
- Blue (75%)



- Cyan (7%)
- Magenta (27%)
- Yellow (0%)
- Black (25%)



- Cyan (31%)
- Magenta (45%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B18BBE 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 B18BBE by changing the saturation by 10% instead.



 B18BBE

 B18BBE

FFFFFF

 9671A3

 E9C1F6

 7C5988

 FFDDFF

 62416F

 FFF9FF

 4A2A56

 32143F

 1E0029


 000113

 000000

 B18BBE

 B18BBE

 AC78BE

 B69EBE

 A765BE

 BBB1BE

 A252BE

 C0C4BE

 9E3FBE

 C4D7BE

 992CBE

 C9EABE

 9419BE

 CEFDBE

 8F06BE

 D3FFBE

 8E00BE

 D8FFBE

 DDFBE

# Harmonies

## Analogous

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



8C95CE



B18BBE



C884A5

# Triad

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



B18BBE



B59361



38A8A9

# Complementary

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



B18BBE



98BE8B

# 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.



57A78C



B18BBE



9A9C62

# Square

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



B18BBE



C9896F



7AA372



39A5C1

# Rectangle

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



B18BBE



CF8391



7AA372



41A89F



# Sweetspot

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



B18BBE



F2E4F7



8B99BE



7A707D



FCFCFC



7D7D7D



# Same Dimension

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



B18BBE



E3A8F7



BE8BB2



5C555E



76009E



17001F



# Inverse Universe

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



BE8B98



F7A8BC



8BBE97



5E5557



9E0028

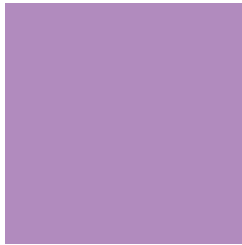


1F0008



# Previews

## White Background



This preview shows how the Hex color B18BBE looks on a white background.

## Color Contrast Check

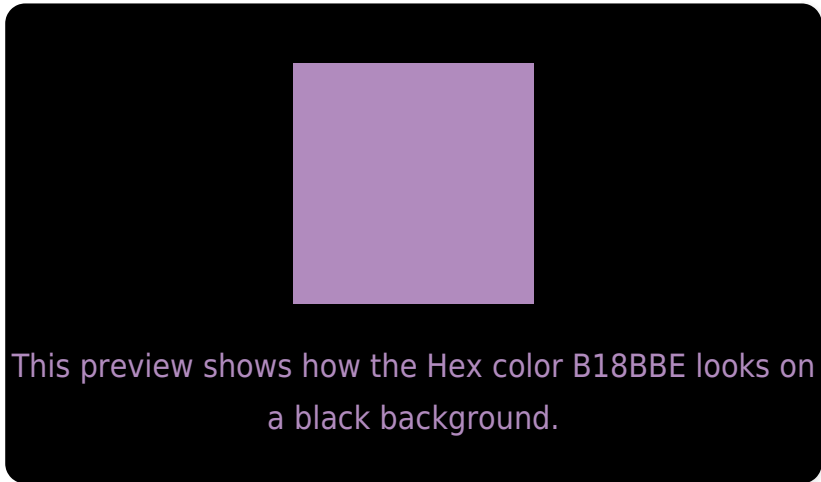
Large Text (above 18pt) WCAG AA × Fail

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 B18BBE Background



This preview shows how black text looks on a background with the Hex color B18BBE.




This preview shows how white text looks on a background with the Hex color B18BBE.

# 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](#).

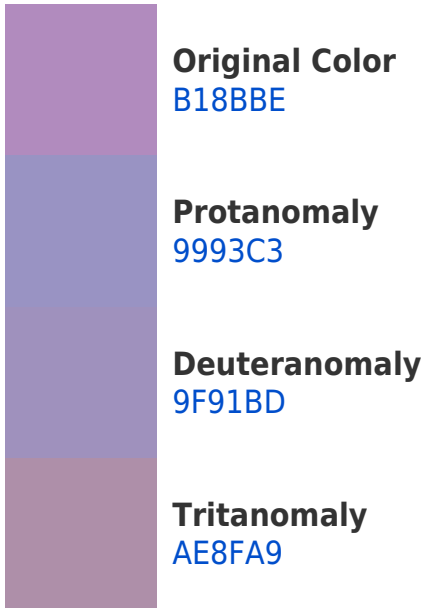
## Dichromacy



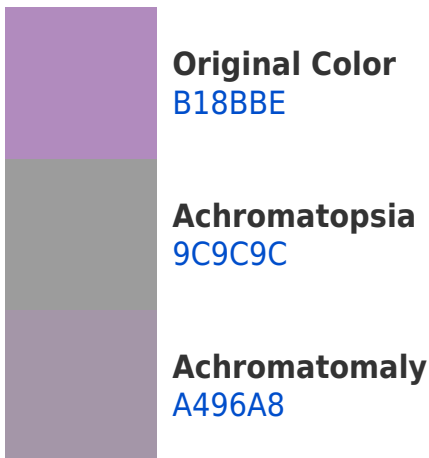


**Tritanopia**  
AC919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B18BBE 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 #B18BBE looks like.

```
.text, #text, p{  
  color:#B18BBE  
}
```

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 #B18BBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B18BBE
}
```

## Border

The CSS property to change the border of an element to Hex B18BBE is called "border". The border property can be set on classes, ids or directly on the HTML element.

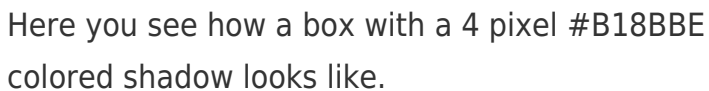
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B18BBE }
```

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

```
.border{ border-color:#B18BBE }
```

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



Here you see how a box with a 4 pixel #B18BBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B18BBE; -webkit-box-shadow:4px 4px  
4px 4px #B18BBE; box-shadow:4px 4px 4px  
4px #B18BBE }
```

# Background

The CSS property to change the background color of an element to Hex B18BBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B18BBE }
```

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

```
.background{ background-color:#B18BBE }
```

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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