

# Converting Colors

Hex(B9B4E2)

Have a look what the booklet for  
Hex(B9B4E2) contains.

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# **Color**

**Hex(B9B4E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9B4E2
RGB	185, 180, 226
RGB Percent	73%, 71%, 89%
CMY	0.2745, 0.2941, 0.1137
CMYK	0.18, 0.20, 0.00, 0.11
HSL	247°, 44%, 80%
HSV	247°, 20%, 89%
XYZ	50.0563, 48.4478, 78.6646
YIQ	186.7390, -11.7860, 15.3660

# Conversions

## Conversions Part 2

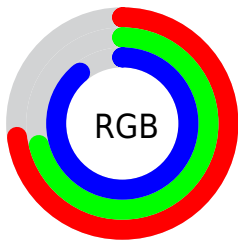
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 180, 226
Decimal	12170466
CIE <sub>Lab</sub>	75.11, 11.08, -22.38
CIE <sub>LCh</sub>	75, 24.973, 296.335
Yxy	48.4478, 0.2825, 0.2735
Android (android.graphics.Color)	4290360546 (0xFFB9B4E2)
YUV	186.7390, 19.3557, -1.5251
Hunter-Lab	69.6044, 6.5612, -18.2845

# Details

The Hex color **B9B4E2** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DDE2B4**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **F1ECFF**, and **837FAB** is the 20% darker color. If you saturate the color by 10%, you get **A59DE2**, and if you desaturate by 10%, it is **CDCBE2**.

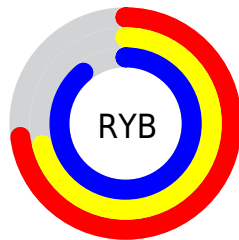
# Distribution



Red (73%)

Green (71%)

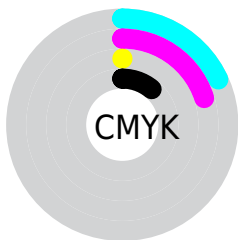
Blue (89%)



Red (73%)

Yellow (71%)

Blue (89%)

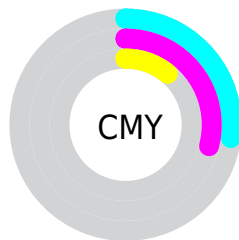


Cyan (18%)

Magenta (20%)

Yellow (0%)

Black (11%)



Cyan (27%)

Magenta (29%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9B4E2 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 B9B4E2 by changing the saturation by 10% instead.



 B9B4E2

 B9B4E2


FFFFFF

 9E99C6

 F1ECFF

 837FAB

 6A6690

 514E76

 39385D

 222246

 0C0D2F

 00011A

 000000

 B9B4E2

 B9B4E2

 A59DE2

 CDCBE2

 9187E2

 E1E1E2

 7D70E2

 F5F8E2

 685AE2

 FFFFE2

 5443E2

 402CE2

 2C16E2

 1900E2

# Harmonies

## Analogous

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



99BCE6



B9B4E2



D4ADD3

# Triad

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



B9B4E2



DFAF93



83C6B5

# Complementary

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



B9B4E2



DDE2B4

# 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.



9AC39F



B9B4E2



CDB68B

# Square

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



B9B4E2



E8AAA6



B4BE8F



77C5CC

# Rectangle

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



B9B4E2



E0A9C4



B4BE8F



8AC5AD



# Sweetspot

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



B9B4E2



F1F0FF



B4DDE2



787780



000000



808080



# Same Dimension

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



B9B4E2



C8C2FF



D0B4E2



666570



1300B0



050030



# Inverse Universe

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



E2B4DD



FFC2F8



C6E2B4



70656F



B0009D

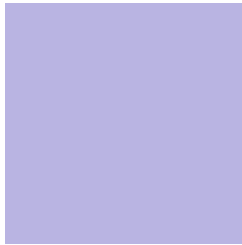


30002B



# Previews

## White Background



This preview shows how the Hex color B9B4E2 looks on a white background.

## Color Contrast Check

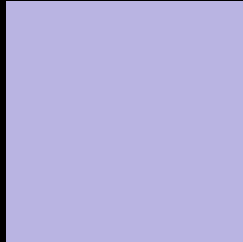
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color B9B4E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

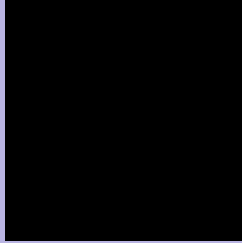
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B9B4E2 Background



This preview shows how black text looks on a background with the Hex color B9B4E2.

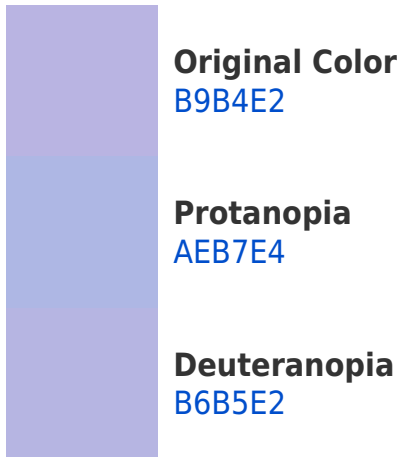


This preview shows how white text looks on a background with the Hex color B9B4E2.

# 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](#).

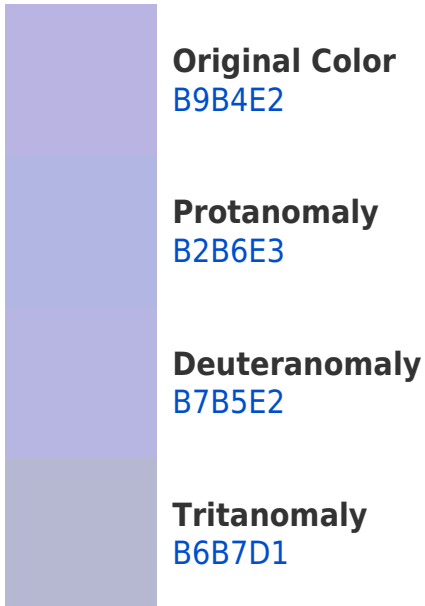
## Dichromacy



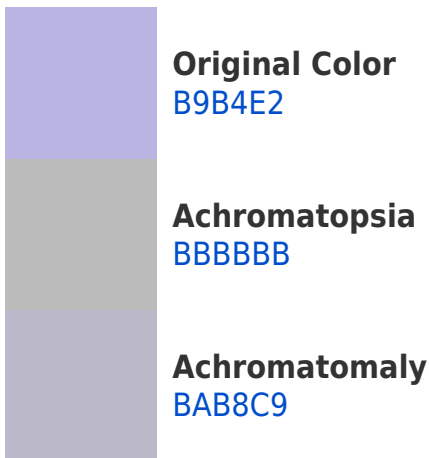


**Tritanopia**  
B4B9C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9B4E2 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 #B9B4E2 looks like.

```
.text, #text, p{  
    color:#B9B4E2  
}
```

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 #B9B4E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9B4E2
}
```

## Border

The CSS property to change the border of an element to Hex B9B4E2 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
#B9B4E2 }
```

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

```
.border{ border-color:#B9B4E2 }
```

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

Here you see how a box with a 4 pixel #B9B4E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9B4E2; -webkit-box-shadow:4px 4px  
4px 4px #B9B4E2; box-shadow:4px 4px 4px  
4px #B9B4E2 }
```

# Background

The CSS property to change the background color of an element to Hex B9B4E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9B4E2 }
```

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

```
.background{ background-color:#B9B4E2 }
```

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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