

# Converting Colors

Hex(B9B3E5)

Have a look what the booklet for  
Hex(B9B3E5) contains.

<b>Hex(B9B3E5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B9B3E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9B3E5
RGB	185, 179, 229
RGB Percent	73%, 70%, 90%
CMY	0.2745, 0.2980, 0.1020
CMYK	0.19, 0.22, 0.00, 0.10
HSL	247°, 49%, 80%
HSV	247°, 22%, 90%
XYZ	50.2705, 48.2116, 80.7850
YIQ	186.4940, -12.4740, 16.8220

# Conversions

## Conversions Part 2

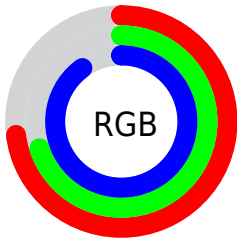
Format	Color
<a href="#">RYB</a>	<a href="#">185, 179, 229</a>
Decimal	<a href="#">12170213</a>
CIELab	<a href="#">74.96, 12.29, -24.23</a>
CIELCh	<a href="#">75, 27.174, 296.896</a>
Yxy	<a href="#">48.2116, 0.2804, 0.2689</a>
Android (android.graphics.Color)	<a href="#">4290360293</a> ( <a href="#">0xFFB9B3E5</a> )
YUV	<a href="#">186.4940, 20.9555, -1.3102</a>
Hunter-Lab	<a href="#">69.4346, 7.7232, -20.3778</a>

# Details

The Hex color **B9B3E5** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DFE5B3**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **F2EBFF**, and **837EAD** is the 20% darker color. If you saturate the color by 10%, you get **A59CE5**, and if you desaturate by 10%, it is **CDCAE5**.

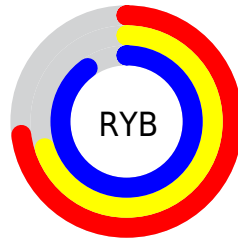
# Distribution



Red (73%)

Green (70%)

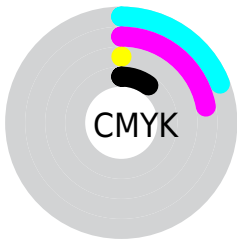
Blue (90%)



Red (73%)

Yellow (70%)

Blue (90%)

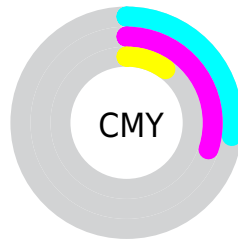


Cyan (19%)

Magenta (22%)

Yellow (0%)

Black (10%)



Cyan (27%)

Magenta (30%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9B3E5 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 B9B3E5 by changing the saturation by 10% instead.



 B9B3E5

 B9B3E5

FFFFFF

 9E98C9

 F2EBFF

 837EAD

 6A6593

 514D79

 393760

 212148

 0B0C31

 00011C

 000000

 B9B3E5

 B9B3E5

 A59CE5

 CDCAE5

 9185E5

 E1E1E5

 7D6EE5

 F5F8E5

 6857E5

 FFFFE5

 5440E5

 402AE5

 2C13E5

 1B00E5

# Harmonies

## Analogous

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



96BCEA



B9B3E5



D6ABD4

# Triad

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



B9B3E5



E1AE90



7CC6B5

# Complementary

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



B9B3E5



DFE5B3

# 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.



96C49C



B9B3E5



CDB687

# Square

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



B9B3E5



EBA8A3



B3BE8B



6EC6CE

# Rectangle

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



**B9B3E5**



**E3A7C5**



**B3BE8B**



**84C6AC**



# Sweetspot

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



B9B3E5



EFEDFF



B3DFE5



777580



000000



808080



# Same Dimension

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



B9B3E5



C5BDFF



D2B3E5



696773



1500B3



060033



# Inverse Universe

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



E5B3DF



FFBDF7



C6E5B3



736771



B3009D



33002D



# Previews

## White Background



This preview shows how the Hex color B9B3E5 looks on a white background.

## Color Contrast Check

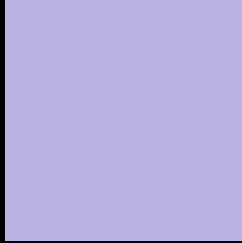
Large Text (above 18pt) WCAG AA × Fail

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 B9B3E5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

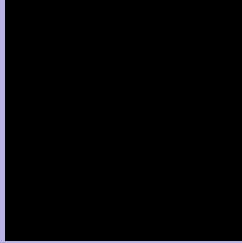
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B9B3E5 Background



This preview shows how black text looks on a background with the Hex color B9B3E5.

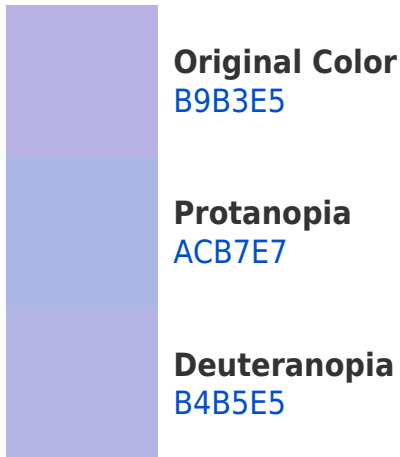


This preview shows how white text looks on a background with the Hex color B9B3E5.

# 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



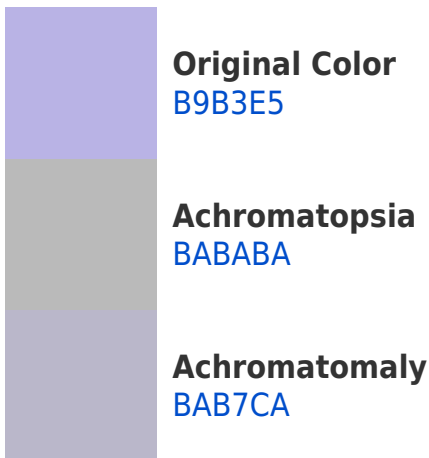


**Tritanopia**  
B4B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9B3E5 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 #B9B3E5 looks like.

```
.text, #text, p{  
    color:#B9B3E5  
}
```

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 #B9B3E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9B3E5
}
```

## Border

The CSS property to change the border of an element to Hex B9B3E5 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
#B9B3E5 }
```

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

```
.border{ border-color:#B9B3E5 }
```

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

Here you see how a box with a 4 pixel #B9B3E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9B3E5; -webkit-box-shadow:4px 4px  
4px 4px #B9B3E5; box-shadow:4px 4px 4px  
4px #B9B3E5 }
```

# Background

The CSS property to change the background color of an element to Hex B9B3E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9B3E5 }
```

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

```
.background{ background-color:#B9B3E5 }
```

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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