

# Converting Colors

Hex(B3A8DE)

Have a look what the booklet for  
Hex(B3A8DE) contains.

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# **Color**

**Hex(B3A8DE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3A8DE
RGB	179, 168, 222
RGB Percent	70%, 66%, 87%
CMY	0.2980, 0.3412, 0.1294
CMYK	0.19, 0.24, 0.00, 0.13
HSL	252°, 45%, 76%
HSV	252°, 24%, 87%
XYZ	45.7779, 42.8629, 74.9679
YIQ	177.4450, -10.7780, 19.1260

# Conversions

## Conversions Part 2

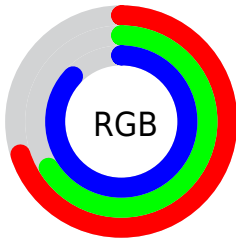
Format	Color
<a href="#">RYB</a>	<a href="#">179, 168, 222</a>
Decimal	<a href="#">11774174</a>
CIELab	<a href="#">71.46, 14.94, -25.81</a>
CIELCh	<a href="#">71, 29.821, 300.066</a>
Yxy	<a href="#">42.8629, 0.2798, 0.2620</a>
Android (android.graphics.Color)	<a href="#">4289964254</a> ( <a href="#">0xFFB3A8DE</a> )
YUV	<a href="#">177.4450, 21.9656, 1.3637</a>
Hunter-Lab	<a href="#">65.4698, 10.2389, -22.0627</a>

# Details

The Hex color **B3A8DE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D3DEA8**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **EBDFFF**, and **7E74A7** is the 20% darker color. If you saturate the color by 10%, you get **A192DE**, and if you desaturate by 10%, it is **C5BEDE**.

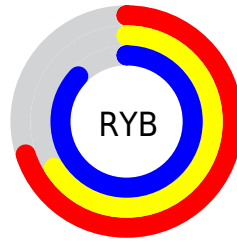
# Distribution



Red (70%)

Green (66%)

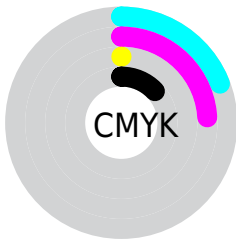
Blue (87%)



Red (70%)

Yellow (66%)

Blue (87%)

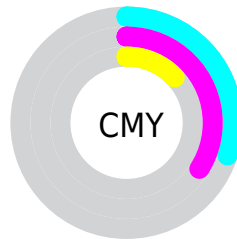


Cyan (19%)

Magenta (24%)

Yellow (0%)

Black (13%)



Cyan (30%)

Magenta (34%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3A8DE 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 B3A8DE by changing the saturation by 10% instead.



 B3A8DE

 B3A8DE

FFFFFF

 988EC2

 EBDFFF

 7E74A7

 FFFCFF

 645B8C

 4B4473

 332E5A

 1C1942

 08002C

 000116

 000000

 B3A8DE

 B3A8DE

 A192DE

 C5BEDE

 907CDE

 D6D4DE

 7E65DE

 E8EBDE

 6C4FDE

 FAFFDE

 5B39DE

 FFFFDE

 4923DE

 370DDE

 2D00DE

# Harmonies

## Analogous

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



8CB2E5



B3A8DE



D29FCB

# Triad

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



B3A8DE



D9A481



68BEAE

# Complementary

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



B3A8DE



D3DEA8

# 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.



86BB93



B3A8DE



C2AD79

# Square

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



B3A8DE



E59D95



A5B67F



59BDC9

# Rectangle

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



B3A8DE



DF9CB9



A5B67F



71BEA5



# Sweetspot

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



B3A8DE



F1EDFF



A8D3DE



777580



000000



808080



# Same Dimension

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



B3A8DE



C4B5FF



CEA8DE



676570



2400B0



0A0030



# Inverse Universe

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



DEA8D3



FFB5F0



B8DEA8



70656E



B0008C

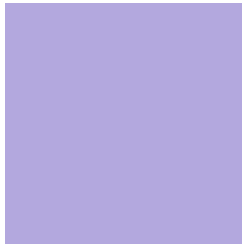


300027



# Previews

## White Background



This preview shows how the Hex color B3A8DE looks on a white background.

## Color Contrast Check

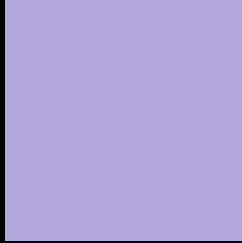
Large Text (above 18pt) WCAG AA × Fail

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 B3A8DE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

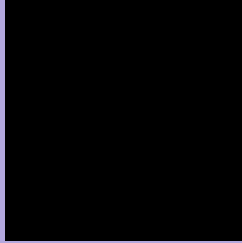
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B3A8DE Background



This preview shows how black text looks on a background with the Hex color B3A8DE.

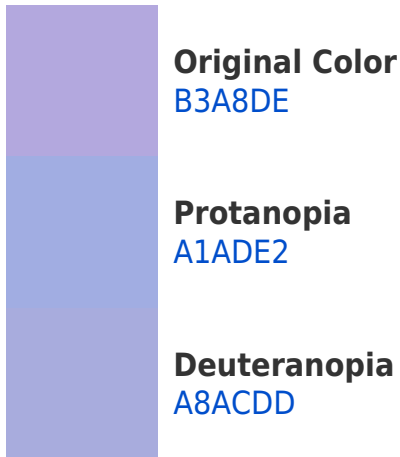


This preview shows how white text looks on a background with the Hex color B3A8DE.

# Color Blindness Simulation

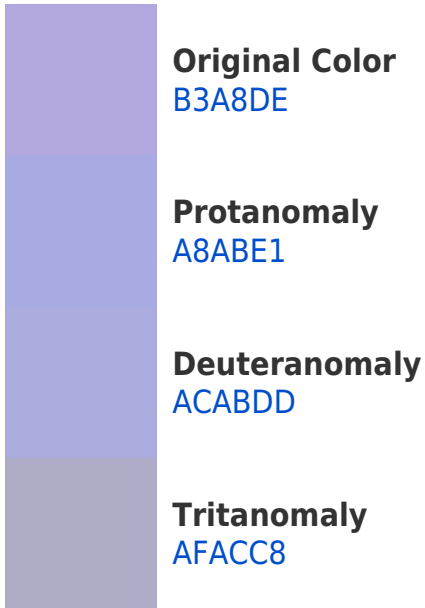
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

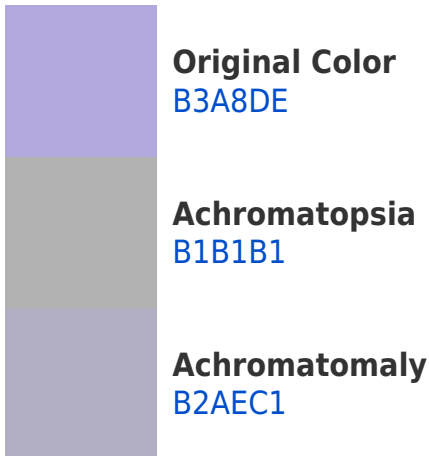




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3A8DE 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 #B3A8DE looks like.

```
.text, #text, p{  
    color:#B3A8DE  
}
```

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 #B3A8DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3A8DE
}
```

## Border

The CSS property to change the border of an element to Hex B3A8DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

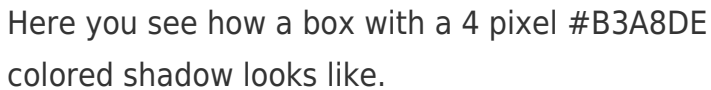
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B3A8DE }
```

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

```
.border{ border-color:#B3A8DE }
```

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



Here you see how a box with a 4 pixel #B3A8DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3A8DE; -webkit-box-shadow:4px 4px  
4px 4px #B3A8DE; box-shadow:4px 4px 4px  
4px #B3A8DE }
```

# Background

The CSS property to change the background color of an element to Hex B3A8DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3A8DE }
```

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

```
.background{ background-color:#B3A8DE }
```

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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