

# Converting Colors

Hex(B3A2D8)

Have a look what the booklet for  
Hex(B3A2D8) contains.

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# Color

Hex(**B3A2D8**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B3A2D8
RGB	179, 162, 216
RGB Percent	70%, 64%, 85%
CMY	0.2980, 0.3647, 0.1529
CMYK	0.17, 0.25, 0.00, 0.15
HSL	259°, 41%, 74%
HSV	259°, 25%, 85%
XYZ	43.9054, 40.3822, 70.4462
YIQ	173.2390, -7.2020, 20.3980

# Conversions

## Conversions Part 2

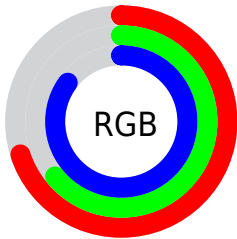
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 162, 216
Decimal	11772632
CIELab	69.74, 16.94, -25.15
CIELCh	70, 30.323, 303.961
Yxy	40.3822, 0.2837, 0.2610
Android (android.graphics.Color)	4289962712 (0xFFB3A2D8)
YUV	173.2390, 21.0812, 5.0524
Hunter-Lab	63.5470, 12.1205, -21.2441

# Details

The Hex color **B3A2D8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C7D8A2**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **EBD9FF**, and **7E6EA1** is the 20% darker color. If you saturate the color by 10%, you get **A48CD8**, and if you desaturate by 10%, it is **C2B8D8**.

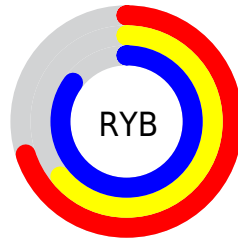
# Distribution



Red (70%)

Green (64%)

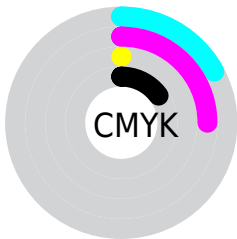
Blue (85%)



Red (70%)

Yellow (64%)

Blue (85%)

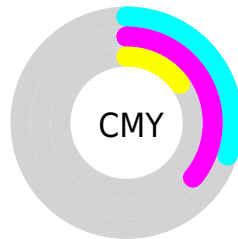


Cyan (17%)

Magenta (25%)

Yellow (0%)

Black (15%)



Cyan (30%)

Magenta (36%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3A2D8 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 B3A2D8 by changing the saturation by 10% instead.



 B3A2D8

 B3A2D8

FFFFFF

 9888BC

 EBD9FF

 7E6EA1

 FFF5FF

 645687

 4B3F6D

 342955

 1C143D

 090028

 000111

 000000

 B3A2D8

 B3A2D8

 A48CD8

 C2B8D8

 9577D8

 D1CDD8

 8761D8

 DFE3D8

 784CD8

 EEF8D8

 6936D8

 FDFFD8

 5A20D8

 FFFFD8

 4B0BD8

 4400D8

# Harmonies

## Analogous

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



8CACE1



B3A2D8



D199C3

# Triad

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



B3A2D8



D2A07A



5FBAAD

# Complementary

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



B3A2D8



C7D8A2

# 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.



7CB791



B3A2D8



BAAA73

# Square

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



B3A2D8



E0998D



9CB27C



51B8C8

# Rectangle

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



B3A2D8



DC96B1



9CB27C



68B9A4



# Sweetspot

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



B3A2D8



F1EBFF



A2C8D8



777380



000000



808080



# Same Dimension

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



B3A2D8



CBB3FF



CDA2D8



64606B



3600AB



0E002B



# Inverse Universe

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



D8A2C7



FFB3E7



ADD8A2



6B6068



AB0075

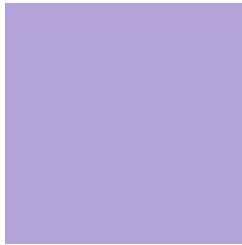


2B001E



# Previews

## White Background



This preview shows how the Hex color B3A2D8 looks on a white background.

## Color Contrast Check

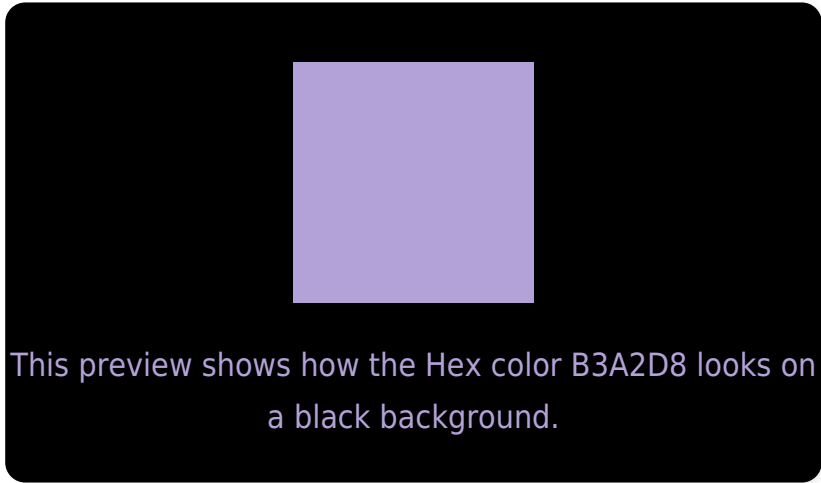
Large Text (above 18pt) WCAG AA × Fail

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

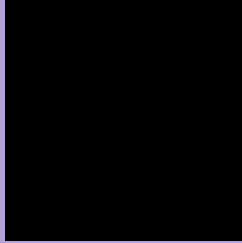
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B3A2D8 Background



This preview shows how black text looks on a background with the Hex color B3A2D8.

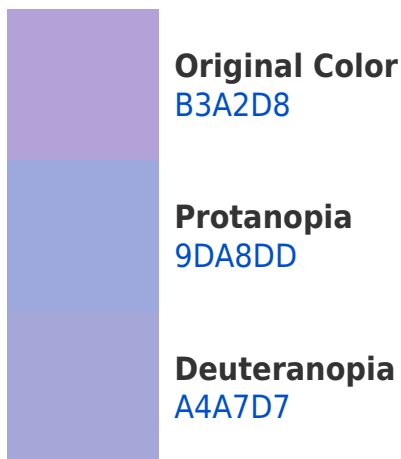


This preview shows how white text looks on a background with the Hex color B3A2D8.

# 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](#).

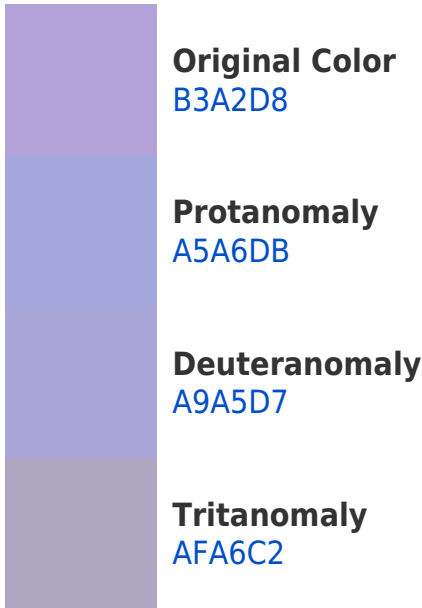
## Dichromacy



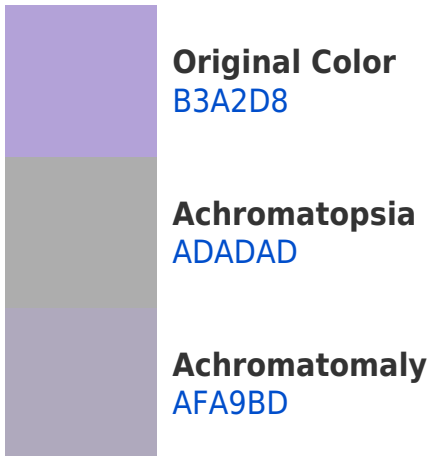


**Tritanopia**  
ADA8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3A2D8 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 #B3A2D8 looks like.

```
.text, #text, p{  
    color:#B3A2D8  
}
```

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 #B3A2D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3A2D8
}
```

## Border

The CSS property to change the border of an element to Hex B3A2D8 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
#B3A2D8 }
```

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

```
.border{ border-color:#B3A2D8 }
```

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

Here you see how a box with a 4 pixel #B3A2D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3A2D8; -webkit-box-shadow:4px 4px  
4px 4px #B3A2D8; box-shadow:4px 4px 4px  
4px #B3A2D8 }
```

# Background

The CSS property to change the background color of an element to Hex B3A2D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3A2D8 }
```

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

```
.background{ background-color:#B3A2D8 }
```

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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