

# Converting Colors

Hex(B5ABDF)

Have a look what the booklet for  
Hex(B5ABDF) contains.

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# **Color**

**Hex(B5ABDF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5ABDF
RGB	181, 171, 223
RGB Percent	71%, 67%, 87%
CMY	0.2902, 0.3294, 0.1255
CMYK	0.19, 0.23, 0.00, 0.13
HSL	252°, 45%, 77%
HSV	252°, 23%, 87%
XYZ	46.9382, 44.2773, 75.8845
YIQ	179.9180, -10.7320, 18.2920

# Conversions

## Conversions Part 2

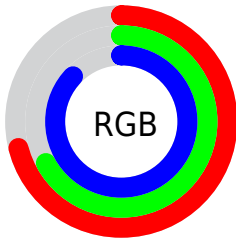
Format	Color
<b>RYB</b>	181, 171, 223
Decimal	11906015
CIELab	72.41, 14.12, -24.88
CIELCh	72, 28.612, 299.575
Yxy	44.2773, 0.2809, 0.2650
Android (android.graphics.Color)	4290096095 (0xFFB5ABDF)
YUV	179.9180, 21.2394, 0.9489
Hunter-Lab	66.5412, 9.4671, -21.0363

# Details

The Hex color **B5ABDF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D5DFAB**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **EDE2FF**, and **7F77A8** is the 20% darker color. If you saturate the color by 10%, you get **A395DF**, and if you desaturate by 10%, it is **C7C1DF**.

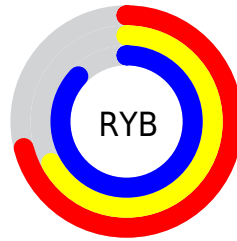
# Distribution



Red (71%)

Green (67%)

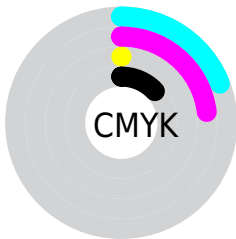
Blue (87%)



Red (71%)

Yellow (67%)

Blue (87%)

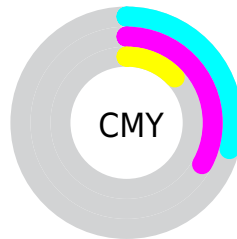


Cyan (19%)

Magenta (23%)

Yellow (0%)

Black (13%)



Cyan (29%)

Magenta (33%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5ABDF 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 B5ABDF by changing the saturation by 10% instead.



 B5ABDF

 B5ABDF

FFFFFF

 9A90C3

 EDE2FF

 7F77A8

 665E8D

 4D4673

 35305B

 1E1B43

 0A012D

 000117


 000000

 B5ABDF

 B5ABDF

 A395DF

 C7C1DF

 917EDF

 D9D8DF

 7F68DF

 EBEEDF

 6D52DF

 FDFDFD

 5B3BDF

 FFFDFD

 4925DF

 370FDF

 2B00DF

# Harmonies

## Analogous

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



90B4E5



B5ABDF



D3A3CC

# Triad

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



B5ABDF



DAA785



6FC0B0

# Complementary

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



B5ABDF



D5DFAB

# 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.



8BBD96



B5ABDF



C5B07D

# Square

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



B5ABDF



E6A099



A9B884



61BFCA

# Rectangle

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



B5ABDF



E09FBC



A9B884



77C0A7



# Sweetspot

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



B5ABDF



F1EDFF



ABD5DF



777580



000000



808080



# Same Dimension

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



B5ABDF



C5B8FF



CFABDF



676570



2200B0



090030



# Inverse Universe

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



DFABD5



FFB8F1



BBD FAB



70656E



B0008E

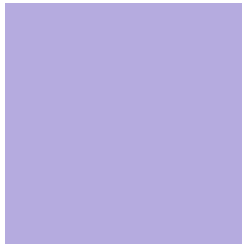


300027



# Previews

## White Background



This preview shows how the Hex color B5ABDF looks on a white background.

## Color Contrast Check

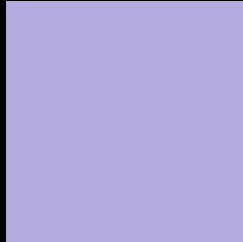
Large Text (above 18pt) WCAG AA × Fail

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 B5ABDF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

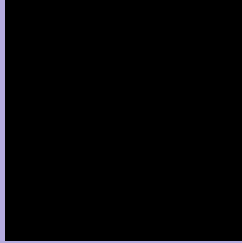
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B5ABDF Background



This preview shows how black text looks on a background with the Hex color B5ABDF.

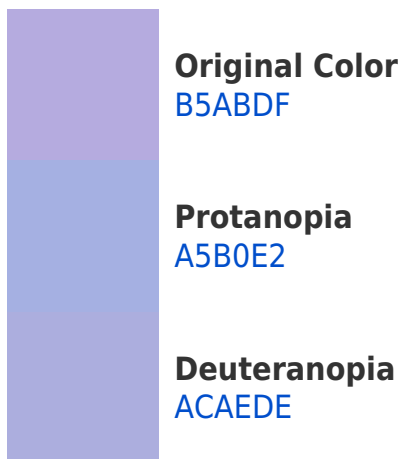


This preview shows how white text looks on a background with the Hex color B5ABDF.

# Color Blindness Simulation

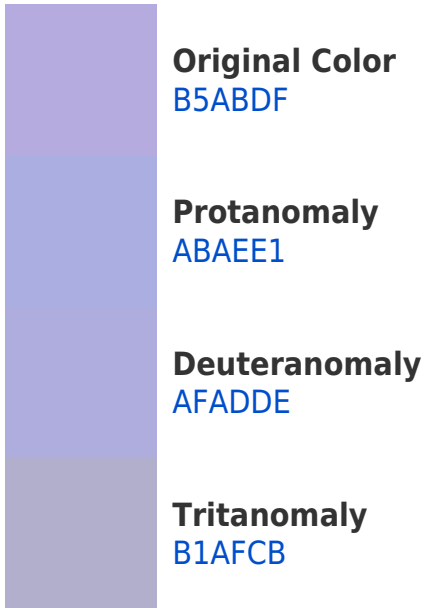
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

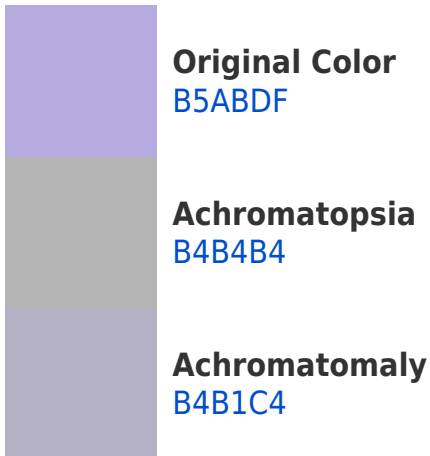




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5ABDF 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 #B5ABDF looks like.

```
.text, #text, p{  
    color:#B5ABDF  
}
```

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 #B5ABDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5ABDF
}
```

## Border

The CSS property to change the border of an element to Hex B5ABDF 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
#B5ABDF }
```

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

```
.border{ border-color:#B5ABDF }
```

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

Here you see how a box with a 4 pixel #B5ABDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5ABDF; -webkit-box-shadow:4px 4px  
4px 4px #B5ABDF; box-shadow:4px 4px 4px  
4px #B5ABDF }
```

# Background

The CSS property to change the background color of an element to Hex B5ABDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5ABDF }
```

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

```
.background{ background-color:#B5ABDF }
```

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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