

# Converting Colors

Hex(B085DC)

Have a look what the booklet for  
Hex(B085DC) contains.

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# **Color**

**Hex(B085DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B085DC
RGB	176, 133, 220
RGB Percent	69%, 52%, 86%
CMY	0.3098, 0.4784, 0.1373
CMYK	0.20, 0.40, 0.00, 0.14
HSL	270°, 55%, 69%
HSV	270°, 40%, 86%
XYZ	39.2103, 31.1725, 71.6604
YIQ	155.7750, -2.2990, 36.1730

# Conversions

## Conversions Part 2

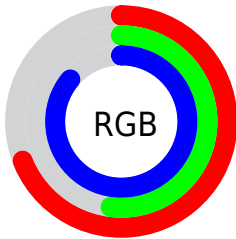
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 133, 220
Decimal	11568604
CIE <sub>Lab</sub>	62.65, 33.19, -38.36
CIE <sub>LCh</sub>	63, 50.726, 310.868
Yxy	31.1725, 0.2760, 0.2195
Android (android.graphics.Color)	4289758684 (0xFFB085DC)
YUV	155.7750, 31.6629, 17.7373
Hunter-Lab	55.8323, 27.6516, -37.0157

# Details

The Hex color **B085DC** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B1DC85**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **E9BBFF**, and **7A53A5** is the 20% darker color. If you saturate the color by 10%, you get **A56FDC**, and if you desaturate by 10%, it is **BB9BDC**.

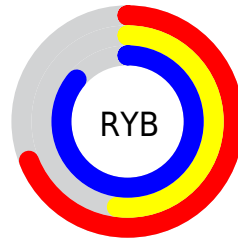
# Distribution



Red (69%)

Green (52%)

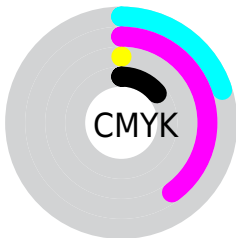
Blue (86%)



Red (69%)

Yellow (52%)

Blue (86%)

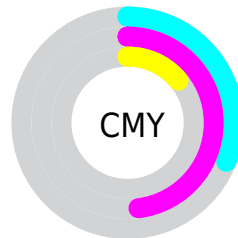


Cyan (20%)

Magenta (40%)

Yellow (0%)

Black (14%)



Cyan (31%)

Magenta (48%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B085DC 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 B085DC by changing the saturation by 10% instead.



 B085DC

 B085DC

FFFFFF

 956BC0

 E9BBFF

 7A53A5

 FFD7FF

 603B8A

 FFF3FF

 462370

 2D0C57

 16003F

 000229

 000112

 000000

 B085DC

 B085DC

 A56FDC

 BB9BDC

 9A59DC

 C6B1DC

 8F43DC

 D1C7DC

 832DDC

 DDDDDC

 7817DC

 E8F3DC

 6D01DC

 F3FFDC

 6D00DC

 FEFFDC

 FFFFDC

# Harmonies

## Analogous

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



6697F0



B085DC



DB75B6

# Triad

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



B085DC



C98B41



00AEA7

# Complementary

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



B085DC



B1DC85

# 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.



20AC78



B085DC



A29A3A

# Square

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



B085DC



E47A5F



70A650



00ACD1

# Rectangle

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



B085DC



E97098



70A650



00AE97



# Sweetspot

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



B085DC



F0E0FF



85B2DC



766E80



000000



808080



# Same Dimension

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



B085DC



C287FF



DB85DC



68636E



5600AD



17002E



# Inverse Universe

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



DC85B1



FF87C4



86DC85



6E6368



AD0058

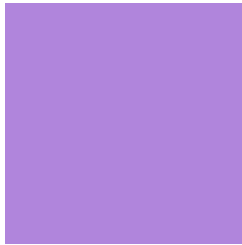


2E0017



# Previews

## White Background



This preview shows how the Hex color B085DC looks on a white background.

## Color Contrast Check

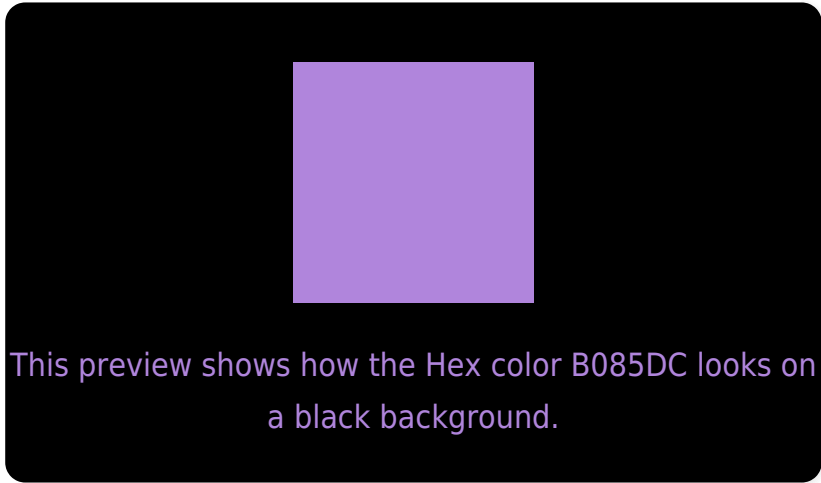
Large Text (above 18pt) WCAG AA × Fail

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

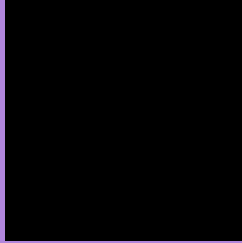
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B085DC Background



This preview shows how black text looks on a background with the Hex color B085DC.

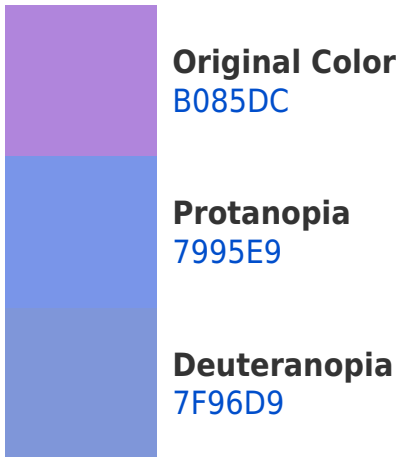


This preview shows how white text looks on a background with the Hex color B085DC.

# 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](#).

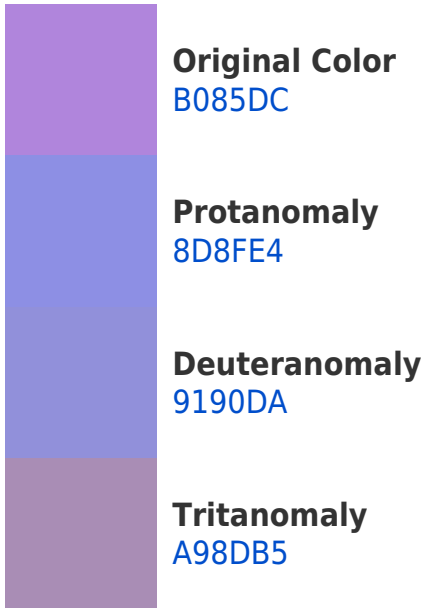
## Dichromacy



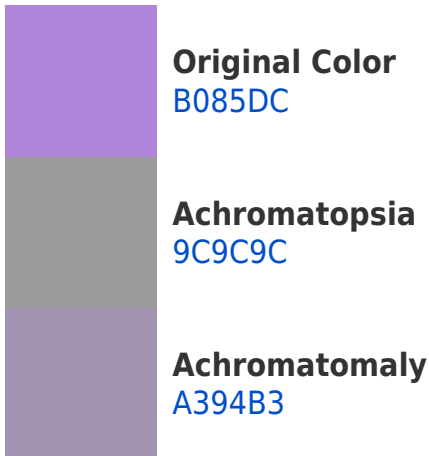


**Tritanopia**  
A5929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B085DC 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 #B085DC looks like.

```
.text, #text, p{  
    color:#B085DC  
}
```

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 #B085DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B085DC
}
```

## Border

The CSS property to change the border of an element to Hex B085DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

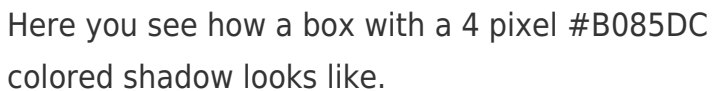
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B085DC }
```

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

```
.border{ border-color:#B085DC }
```

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



Here you see how a box with a 4 pixel #B085DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B085DC; -webkit-box-shadow:4px 4px  
4px 4px #B085DC; box-shadow:4px 4px 4px  
4px #B085DC }
```

# Background

The CSS property to change the background color of an element to Hex B085DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B085DC }
```

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

```
.background{ background-color:#B085DC }
```

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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