

# Converting Colors

Hex(B073CD)

Have a look what the booklet for  
Hex(B073CD) contains.

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# Color

Hex(**B073CD**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B073CD
RGB	176, 115, 205
RGB Percent	69%, 45%, 80%
CMY	0.3098, 0.5490, 0.1961
CMYK	0.14, 0.44, 0.00, 0.20
HSL	281°, 47%, 63%
HSV	281°, 44%, 80%
XYZ	35.0547, 25.8994, 60.9091
YIQ	143.4990, 7.4660, 40.9220

# Conversions

## Conversions Part 2

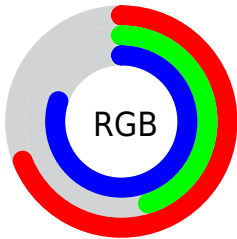
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 115, 205
Decimal	11563981
CIE <sub>Lab</sub>	57.94, 39.86, -37.31
CIE <sub>LCh</sub>	58, 54.592, 316.892
Yxy	25.8994, 0.2877, 0.2125
Android (android.graphics.Color)	4289754061 (0xFFB073CD)
YUV	143.4990, 30.3200, 28.5034
Hunter-Lab	50.8914, 33.8932, -35.3369

# Details

The Hex color **B073CD** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **90CD73**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **E9A8FF**, and **7A4196** is the 20% darker color. If you saturate the color by 10%, you get **A95ECD**, and if you desaturate by 10%, it is **B788CD**.

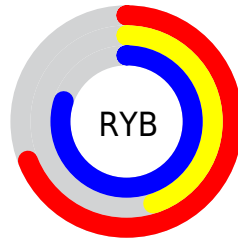
# Distribution



Red (69%)

Green (45%)

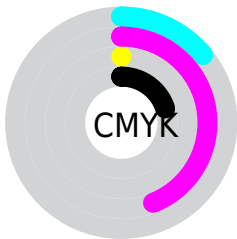
Blue (80%)



Red (69%)

Yellow (45%)

Blue (80%)

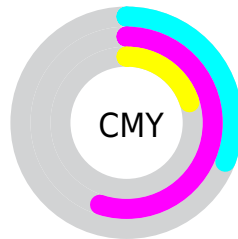


Cyan (14%)

Magenta (44%)

Yellow (0%)

Black (20%)



Cyan (31%)

Magenta (55%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B073CD 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 B073CD by changing the saturation by 10% instead.



 B073CD

 B073CD

FFFFFF

 9459B1

 E9A8FF

 7A4196

 FFC4FF

 5F287C

 FFE0FF

 460E63

 FFFDFF

 2C004A

 170033

 00021D

 000000

 B073CD

 B073CD

 A95ECD

 B788CD

 A34ACD

 BD9CCD

 9C36CD

 C4B1CD

 9621CD

 CAC5CD

 8F0CCD

 D1DACD

 8B00CD

 D8EECD

 DEFFCD

 E5FFCD

 EBFFCD

# Harmonies

## Analogous

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



6587E7



B073CD



D862A2

# Triad

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



B073CD



B68128



00A2A6

# Complementary

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



B073CD



90CD73

# 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.



00A174



B073CD



8B9127

# Square

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



B073CD



D56E47



539C46



009FD0

# Rectangle

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



B073CD



E25F82



539C46



00A295



# Sweetspot

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



B073CD



F4DEFF



7391CD



796B80



000000



808080



# Same Dimension

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



B073CD



D378FF



CD73BE



635C66



7000A6



1A0026



# Inverse Universe

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



CD7390



FF78A3



73CD82



665C5F



A60035

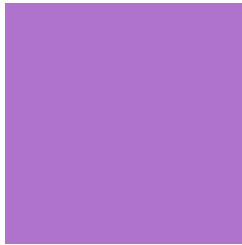


26000C



# Previews

## White Background



This preview shows how the Hex color B073CD looks on a white background.

## Color Contrast Check

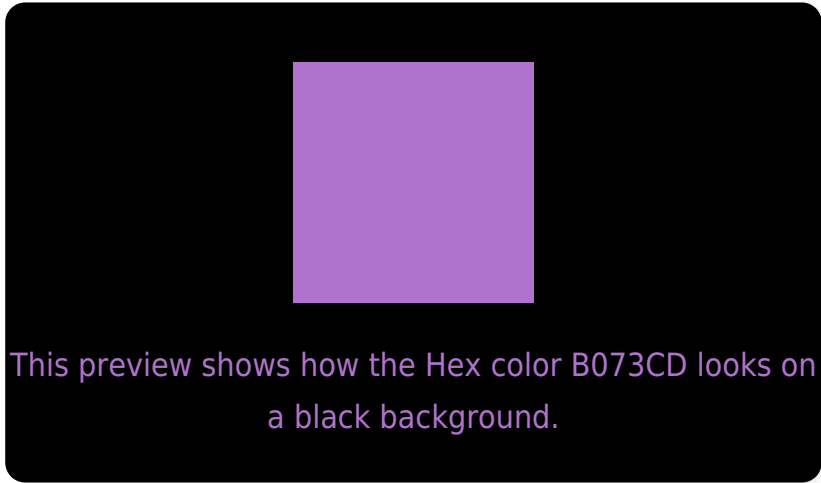
Large Text (above 18pt) WCAG AA ✓ Pass

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

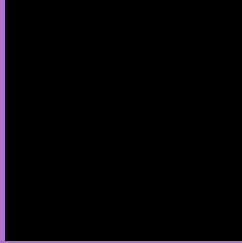
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B073CD Background



This preview shows how black text looks on a background with the Hex color B073CD.

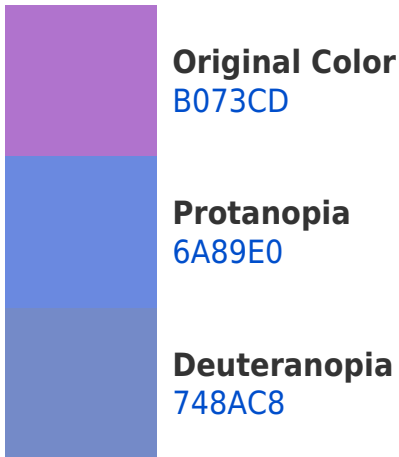



This preview shows how white text looks on a background with the Hex color B073CD.

# 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](#).

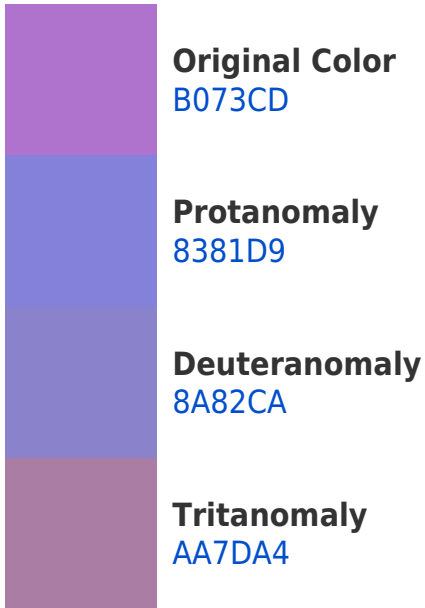
## Dichromacy



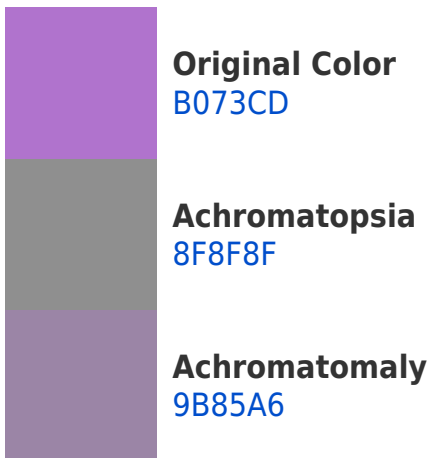


**Tritanopia**  
A6828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B073CD 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 #B073CD looks like.

```
.text, #text, p{  
    color:#B073CD  
}
```

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 #B073CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B073CD
}
```

## Border

The CSS property to change the border of an element to Hex B073CD is called "border". The border property can be set on classes, ids or directly on the HTML element.

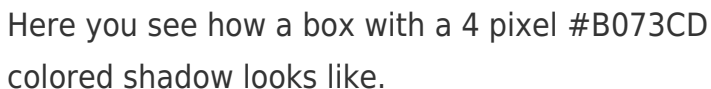
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B073CD }
```

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

```
.border{ border-color:#B073CD }
```

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



Here you see how a box with a 4 pixel #B073CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B073CD; -webkit-box-shadow:4px 4px  
4px 4px #B073CD; box-shadow:4px 4px 4px  
4px #B073CD }
```

# Background

The CSS property to change the background color of an element to Hex B073CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B073CD }
```

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

```
.background{ background-color:#B073CD }
```

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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