

# Converting Colors

Hex(B073E9)

Have a look what the booklet for  
Hex(B073E9) contains.

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# Color

Hex(**B073E9**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B073E9
RGB	176, 115, 233
RGB Percent	69%, 45%, 91%
CMY	0.3098, 0.5490, 0.0863
CMYK	0.24, 0.51, 0.00, 0.09
HSL	271°, 73%, 68%
HSV	271°, 51%, 91%
XYZ	38.7432, 27.3748, 80.3327
YIQ	146.6910, -1.5220, 49.6300

# Conversions

## Conversions Part 2

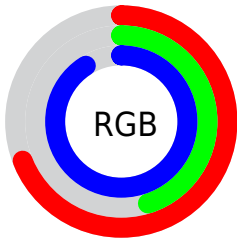
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 115, 233
Decimal	11564009
CIE <sub>Lab</sub>	59.32, 46.07, -50.86
CIE <sub>LCh</sub>	59, 68.626, 312.174
Yxy	27.3748, 0.2645, 0.1869
Android (android.graphics.Color)	4289754089 (0xFFB073E9)
YUV	146.6910, 42.5503, 25.7040
Hunter-Lab	52.3209, 40.6163, -54.4083

# Details

The Hex color **B073E9** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **ACE973**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **EAA9FF**, and **7840B1** is the 20% darker color. If you saturate the color by 10%, you get **A55CE9**, and if you desaturate by 10%, it is **BB8AE9**.

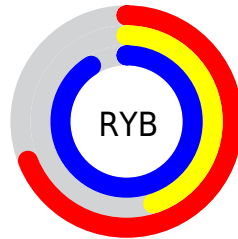
# Distribution



Red (69%)

Green (45%)

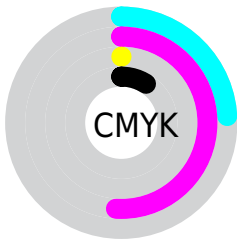
Blue (91%)



Red (69%)

Yellow (45%)

Blue (91%)

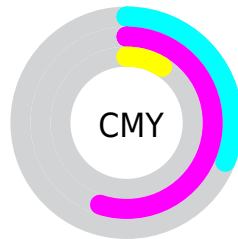


Cyan (24%)

Magenta (51%)

Yellow (0%)

Black (9%)



Cyan (31%)

Magenta (55%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B073E9 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 B073E9 by changing the saturation by 10% instead.



 B073E9

 B073E9

FFFFFF

 9459CC

 EAA9FF

 7840B1

 FFC4FF

 5D2795

 FFE1FF

 420B7B

FFFEFF

 250062

 0B0049

 000431

 00011B

 000000

 B073E9

 B073E9

 A55CE9

 BB8AE9

 9944E9

 C7A2E9

 8E2DE9

 D2B9E9

 8316E9

 DDD0E9

 7800E9

 E8E8E9

 F4FFE9

 FFFFE9

# Harmonies

## Analogous

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



298EFF



B073E9



E857B5

# Triad

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



B073E9



C87F01



00AAA7

# Complementary

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



B073E9



ACE973

# 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.



00A868



B073E9



949400

# Square

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



B073E9



ED6440



4FA12B



00A8DF

# Rectangle

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



B073E9



F84E8D



4FA12B



00AA92



# Sweetspot

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



B073E9



EDD9FF



73ACE9



746980



000000



808080



# Same Dimension

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



B073E9



B463FF



E973E7



706A75



5E00B5



1C0036



# Inverse Universe

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



E973AC



FF63AF



73E975



756A6F



B50057

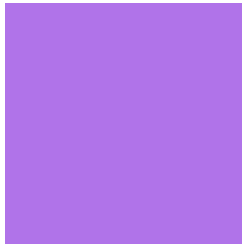


36001A



# Previews

## White Background



This preview shows how the Hex color B073E9 looks on a white background.

## Color Contrast Check

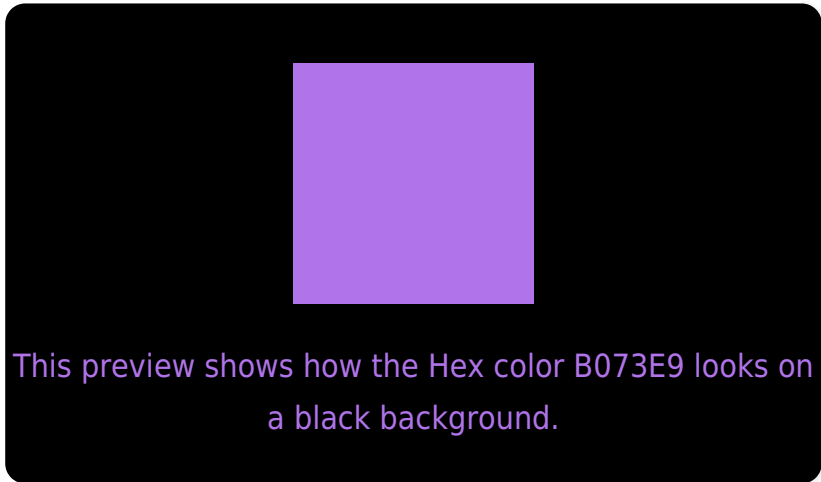
Large Text (above 18pt) WCAG AA ✓ Pass

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

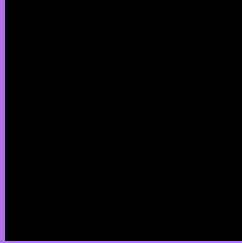
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B073E9 Background



This preview shows how black text looks on a background with the Hex color B073E9.

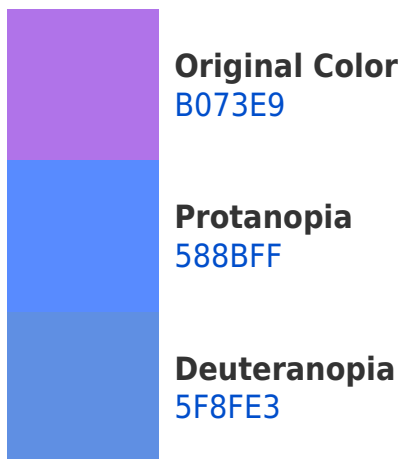


This preview shows how white text looks on a background with the Hex color B073E9.

# 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](#).

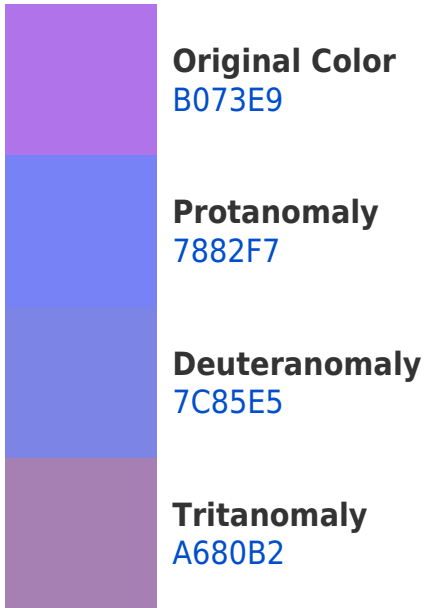
## Dichromacy





**Tritanopia**  
A18893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B073E9 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 #B073E9 looks like.

```
.text, #text, p{  
    color:#B073E9  
}
```

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 #B073E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B073E9
}
```

## Border

The CSS property to change the border of an element to Hex B073E9 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".

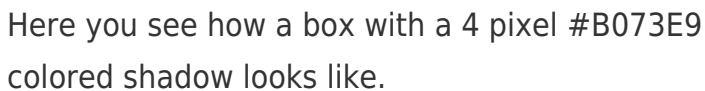
```
.border, #border, table{ border:4px solid
#B073E9 }
```

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

```
.border{ border-color:#B073E9 }
```

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

Here you see how a box with a 4 pixel #B073E9 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and a purple shadow is cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B073E9; -webkit-box-shadow:4px 4px  
4px 4px #B073E9; box-shadow:4px 4px 4px  
4px #B073E9 }
```

# Background

The CSS property to change the background color of an element to Hex B073E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B073E9 }
```

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

```
.background{ background-color:#B073E9 }
```

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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