

# Converting Colors

Hex(B773E2)

Have a look what the booklet for  
Hex(B773E2) contains.

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# Color

Hex(B773E2)

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | B773E2                    |
| RGB         | 183, 115, 226             |
| RGB Percent | 72%, 45%, 89%             |
| CMY         | 0.2824, 0.5490, 0.1137    |
| CMYK        | 0.19, 0.49, 0.00, 0.11    |
| HSL         | 277°, 66%, 67%            |
| HSV         | 277°, 49%, 89%            |
| XYZ         | 39.3866, 27.8197, 75.2453 |
| YIQ         | 147.9860, 4.8970, 48.9370 |

# Conversions

## Conversions Part 2

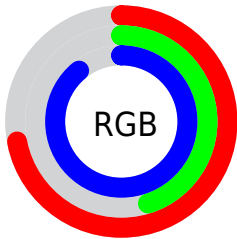
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 183, 115, 226                 |
| Decimal                             | 12022754                      |
| CIE <sub>Lab</sub>                  | 59.73, 46.37, -46.26          |
| CIE <sub>LCh</sub>                  | 60, 65.497, 315.065           |
| Yxy                                 | 27.8197, 0.2765,<br>0.1953    |
| Android<br>(android.graphics.Color) | 4290212834<br>(0xFFB773E2)    |
| YUV                                 | 147.9860, 38.4609,<br>30.7073 |
| Hunter-Lab                          | 52.7444, 40.9913,<br>-47.6622 |

# Details

The Hex color **B773E2** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **9EE273**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **F1A9FF**, and **7F40AA** is the 20% darker color. If you saturate the color by 10%, you get **AE5CE2**, and if you desaturate by 10%, it is **C08AE2**.

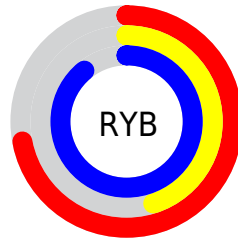
# Distribution



Red (72%)

Green (45%)

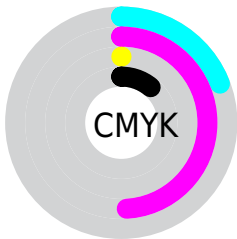
Blue (89%)



Red (72%)

Yellow (45%)

Blue (89%)

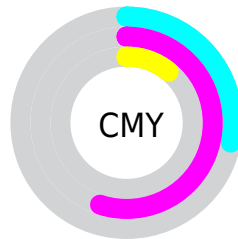


Cyan (19%)

Magenta (49%)

Yellow (0%)

Black (11%)



Cyan (28%)

Magenta (55%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B773E2 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 B773E2 by changing the saturation by 10% instead.



 B773E2

 B773E2

FFFFFF

 9B59C6

 F1A9FF

 7F40AA

 FFC5FF

 64268F

 FFE1FF

 4A0975

FFFEFF

 2F005C

 190044

 00022C

 000117

 000000

 B773E2

 B773E2

 AE5CE2

 C08AE2

 A546E2

 C9A0E2

 9D2FE2

 D1B7E2

 9419E2

 DACDE2

 8B02E2

 E3E4E2

 8A00E2

 ECFBE2

 F4FFE2

 FDFFE2

 FFFFE2

# Harmonies

## Analogous

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



4E8DFF



B773E2



E95BAF

# Triad

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



B773E2



C3830D



00ABAC

# Complementary

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



B773E2



9EE273

# 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.



00A970



B773E2



919600

# Square

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



B773E2



E86A40



4CA237



00A8E1

# Rectangle

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



B773E2



F65589



4CA237



00AB98



# Sweetspot

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



B773E2



F0D9FF



739FE2



776980



000000



808080



# Same Dimension

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



B773E2



C569FF



E273D7



6C6570



6C00B0



1E0030



# Inverse Universe

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



E2739E



FF69A3



73E27E



706569



B00044

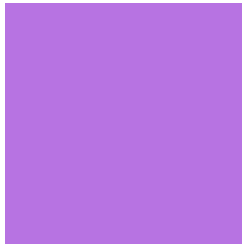


300013



# Previews

## White Background



This preview shows how the Hex color B773E2 looks on a white background.

## Color Contrast Check

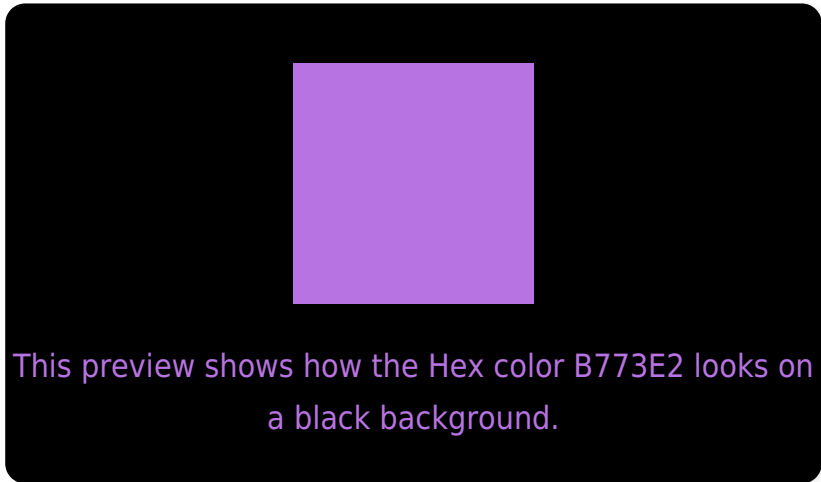
Large Text (above 18pt) WCAG AA ✓ Pass

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

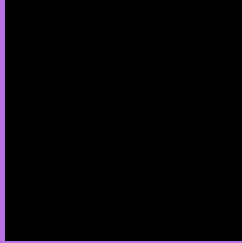
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B773E2 Background



This preview shows how black text looks on a background with the Hex color B773E2.

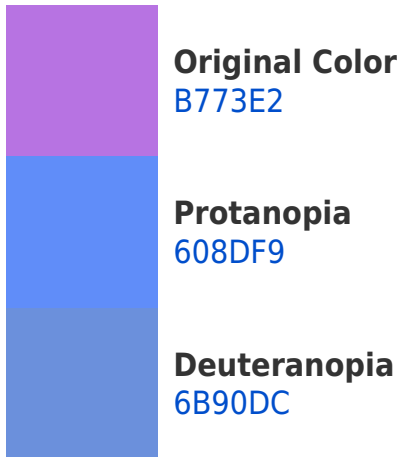



This preview shows how white text looks on a background with the Hex color B773E2.

# 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**  
AA8691

# Trichromacy



**Original Color**  
B773E2



**Protanomaly**  
8084F1



**Deuteranomaly**  
8785DE



**Tritanomaly**  
AF7FAE

# Monochromacy



**Original Color**  
B773E2



**Achromatopsia**  
949494



**Achromatomaly**  
A188B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B773E2 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 #B773E2 looks like.

```
.text, #text, p{  
    color:#B773E2  
}
```

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 #B773E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B773E2
}
```

## Border

The CSS property to change the border of an element to Hex B773E2 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
#B773E2 }
```

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

```
.border{ border-color:#B773E2 }
```

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

Here you see how a box with a 4 pixel #B773E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B773E2; -webkit-box-shadow:4px 4px  
4px 4px #B773E2; box-shadow:4px 4px 4px  
4px #B773E2 }
```

# Background

The CSS property to change the background color of an element to Hex B773E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B773E2 }
```

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

```
.background{ background-color:#B773E2 }
```

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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