

# Converting Colors

Hex(B73EEF)

Have a look what the booklet for  
Hex(B73EEF) contains.

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**Color**

**Hex(B73EEF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B73EEF
RGB	183, 62, 239
RGB Percent	72%, 24%, 94%
CMY	0.2824, 0.7569, 0.0627
CMYK	0.23, 0.74, 0.00, 0.06
HSL	281°, 85%, 59%
HSV	281°, 74%, 94%
XYZ	36.8311, 19.7445, 83.5312
YIQ	118.3570, 15.2990, 80.6990

# Conversions

## Conversions Part 2

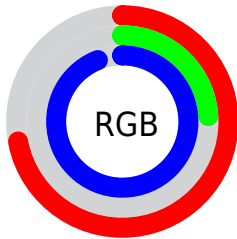
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 62, 239
Decimal	12009199
CIE <sub>Lab</sub>	51.55, 73.37, -66.63
CIE <sub>LCh</sub>	52, 99.111, 317.759
Yxy	19.7445, 0.2629, 0.1409
Android (android.graphics.Color)	4290199279 (0xFFB73EEF)
YUV	118.3570, 59.4770, 56.6919
Hunter-Lab	44.4348, 70.1939, -80.3525

# Details

The Hex color **B73EEF** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed purple. A complement of this color would be **76EF3E**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **F379FF**, and **7C00B6** is the 20% darker color. If you saturate the color by 10%, you get **AF26EF**, and if you desaturate by 10%, it is **BF56EF**.

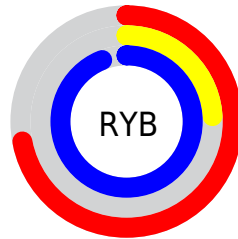
# Distribution



Red (72%)

Green (24%)

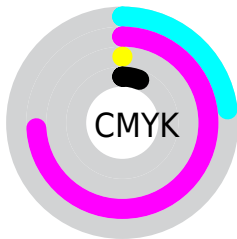
Blue (94%)



Red (72%)

Yellow (24%)

Blue (94%)

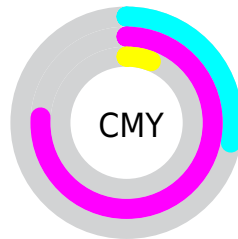


Cyan (23%)

Magenta (74%)

Yellow (0%)

Black (6%)



Cyan (28%)

Magenta (76%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B73EEF 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 B73EEF by changing the saturation by 10% instead.



 B73EEF

 B73EEF

FFFFFF

 9A1AD2

 F379FF

 7C00B6

 FF95FF

 5F009A

 FFB2FF

 410080

 FFCFFF

 230066

 FFEDFF

 00004C

 000534

 00021E

 000001

 B73EEF

 B73EEF

 AF26EF

 BF56EF

 A80EEF

 C66EEF

 A300EF

 CE86EF

 D59EEF

 DDB6EF

 E4CDEF

 ECE5EF

 F3FDEF

 FBFFEF

# Harmonies

## Analogous

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



0075FF



B73EEF



FA00A1

# Triad

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



B73EEF



B26B00



009CAD

# Complementary

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



B73EEF



76EF3E

# 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.



009A54



B73EEF



668600

# Square

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



B73EEF



EA3300



009400



009BF9

# Rectangle

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



B73EEF



FF0069



009400



009B90



# Sweetspot

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



B73EEF



EDC7FF



3E76EF



755E80



000000



808080



# Same Dimension

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



B73EEF



B71CFF



EF3ECF



746C78



7E00B8



260038



# Inverse Universe

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



EF3E76



FF1C64



3EEF5E



786C70



B8003A

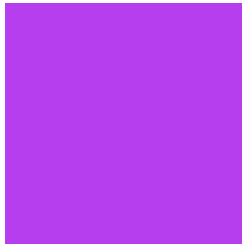


380012



# Previews

## White Background



This preview shows how the Hex color B73EEF looks on a white background.

## Color Contrast Check

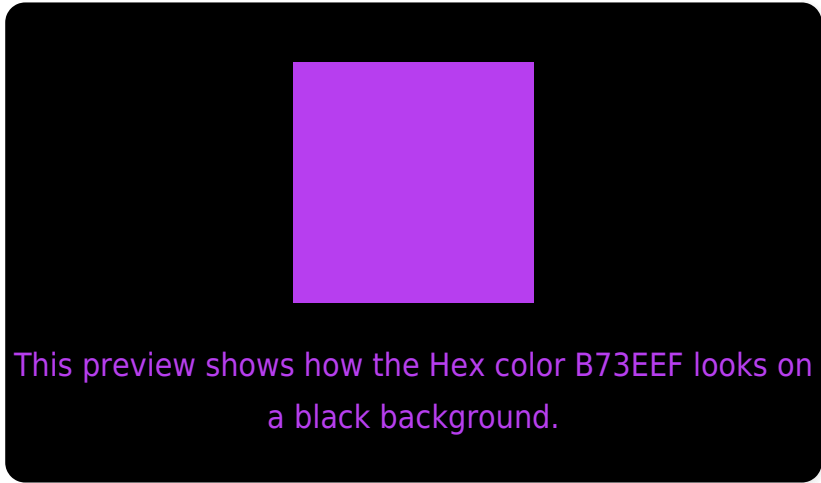
Large Text (above 18pt) WCAG AA ✓ Pass

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

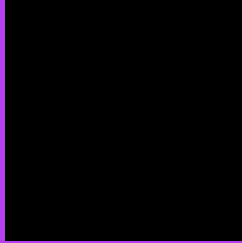
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B73EEF Background



This preview shows how black text looks on a background with the Hex color B73EEF.




This preview shows how white text looks on a background with the Hex color B73EEF.

# 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](#).

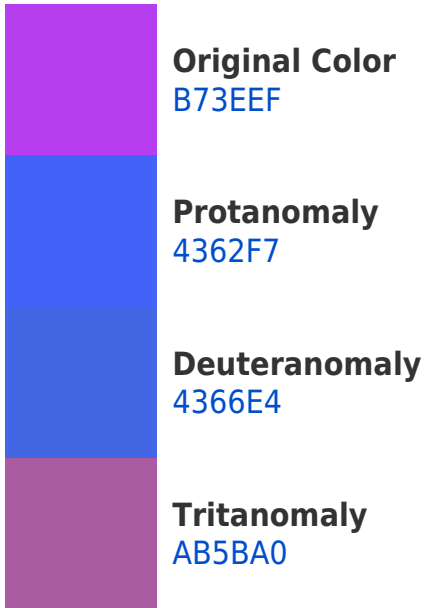
## Dichromacy





**Tritanopia**  
A46B73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B73EEF 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 #B73EEF looks like.

```
.text, #text, p{  
    color:#B73EEF  
}
```

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 #B73EEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B73EEF
}
```

## Border

The CSS property to change the border of an element to Hex B73EEF 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
#B73EEF }
```

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

```
.border{ border-color:#B73EEF }
```

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

Here you see how a box with a 4 pixel #B73EEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B73EEF; -webkit-box-shadow:4px 4px  
4px 4px #B73EEF; box-shadow:4px 4px 4px  
4px #B73EEF }
```

# Background

The CSS property to change the background color of an element to Hex B73EEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B73EEF }
```

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

```
.background{ background-color:#B73EEF }
```

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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