

# Converting Colors

Hex(B147EF)

Have a look what the booklet for  
Hex(B147EF) contains.

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**Color**

**Hex(B147EF)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | B147EF                    |
| RGB         | 177, 71, 239              |
| RGB Percent | 69%, 28%, 94%             |
| CMY         | 0.3059, 0.7216, 0.0627    |
| CMYK        | 0.26, 0.70, 0.00, 0.06    |
| HSL         | 278°, 84%, 61%            |
| HSV         | 278°, 70%, 94%            |
| XYZ         | 35.9647, 20.0856, 83.6427 |
| YIQ         | 121.8460, 9.2480, 74.7200 |

# Conversions

## Conversions Part 2

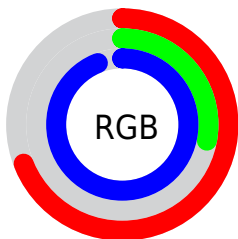
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">177, 71, 239</a>                                 |
| Decimal                             | <a href="#">11618287</a>                                     |
| CIELab                              | <a href="#">51.93, 68.83, -66.04</a>                         |
| CIElCh                              | <a href="#">52, 95.387, 316.183</a>                          |
| Yxy                                 | <a href="#">20.0856, 0.2575, 0.1438</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4289808367</a><br>( <a href="#">0xFFB147EF</a> ) |
| YUV                                 | <a href="#">121.8460, 57.7569, 48.3701</a>                   |
| Hunter-Lab                          | <a href="#">44.8169, 64.8130, -79.2822</a>                   |

# Details

The Hex color **B147EF** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **85EF47**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **ED7FFF**, and **7700B6** is the 20% darker color. If you saturate the color by 10%, you get **A82FEF**, and if you desaturate by 10%, it is **BA5FEF**.

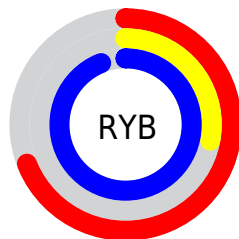
# Distribution



Red (69%)

Green (28%)

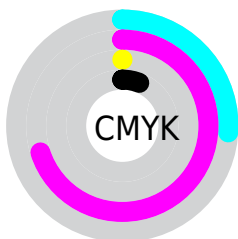
Blue (94%)



Red (69%)

Yellow (28%)

Blue (94%)

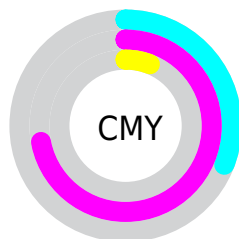


Cyan (26%)

Magenta (70%)

Yellow (0%)

Black (6%)



Cyan (31%)

Magenta (72%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B147EF 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 B147EF by changing the saturation by 10% instead.



 B147EF

 B147EF

FFFFFF

 9428D2

 ED7FFF

 7700B6

 FF9CFF

 5A009A

 FFB8FF

 3B0080

 FFD5FF

 1C0066

 FFF2FF

 00004D

 000535

 00021E

 000001

 B147EF

 B147EF

 A82FEF

 BA5FEF

 9F17EF

 C377EF

 9700EF

 CB8FEF

 D4A7EF

 DDBFEF

 E6D6EF

 EFEEEF

 F8FFEF

 FFFFEF

# Harmonies

## Analogous

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



0078FF



B147EF



F500A5

# Triad

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



B147EF



B66A00



009CA8

# Complementary

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



B147EF



85EF47

# 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.



009A51



B147EF



6E8600

# Square

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



B147EF



EA3600



009400



009BF2

# Rectangle

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



B147EF



FF006F



009400



009C8B



# Sweetspot

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



B147EF



EBC9FF



4787EF



746080



000000



808080



# Same Dimension

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



B147EF



B029FF



EF47DB



736C78



7400B8



230038



# Inverse Universe

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



EF4785



FF2978



47EF5B



786C70



B80044

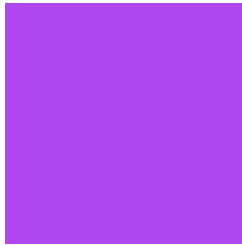


380015



# Previews

## White Background



This preview shows how the Hex color B147EF looks on a white background.

## Color Contrast Check

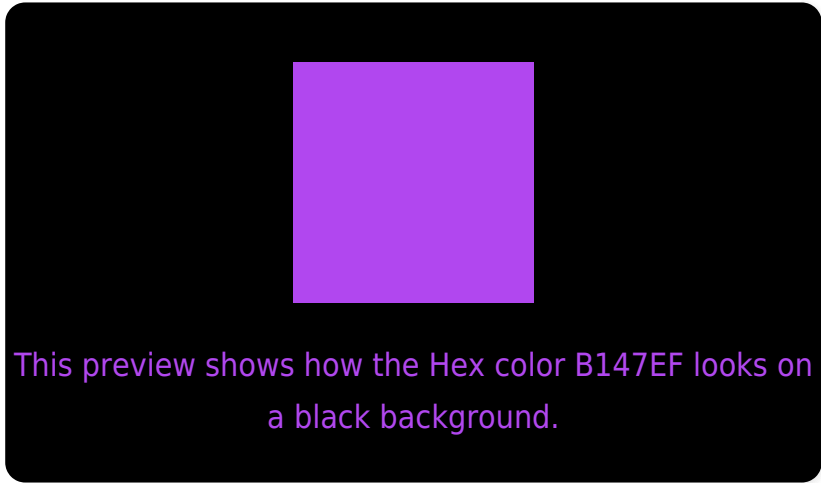
Large Text (above 18pt) WCAG AA ✓ Pass

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

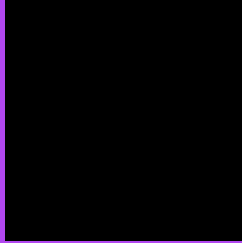
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B147EF Background



This preview shows how black text looks on a background with the Hex color B147EF.

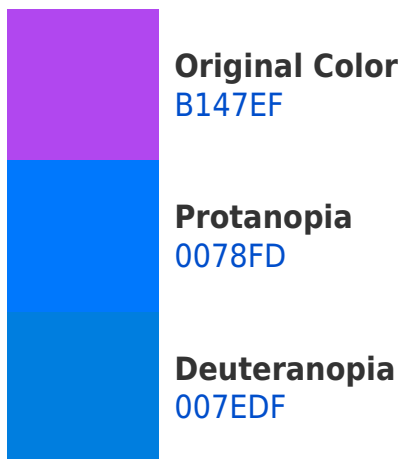


This preview shows how white text looks on a background with the Hex color B147EF.

# 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](#).

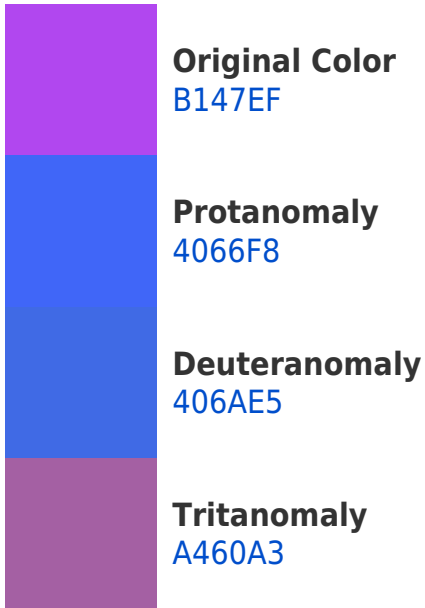
## Dichromacy



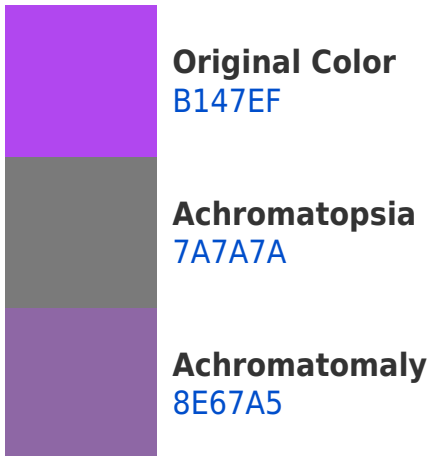


**Tritanopia**  
9D6F78

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B147EF 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 #B147EF looks like.

```
.text, #text, p{  
    color:#B147EF  
}
```

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 #B147EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B147EF
}
```

## Border

The CSS property to change the border of an element to Hex B147EF 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".

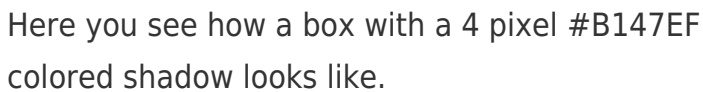
```
.border, #border, table{ border:4px solid
#B147EF }
```

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

```
.border{ border-color:#B147EF }
```

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

Here you see how a box with a 4 pixel #B147EF 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 and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B147EF; -webkit-box-shadow:4px 4px  
4px 4px #B147EF; box-shadow:4px 4px 4px  
4px #B147EF }
```

# Background

The CSS property to change the background color of an element to Hex B147EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B147EF }
```

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

```
.background{ background-color:#B147EF }
```

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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