

# Converting Colors

Hex(B151EE)

Have a look what the booklet for  
Hex(B151EE) contains.

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# Color

Hex(**B151EE**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B151EE
RGB	177, 81, 238
RGB Percent	69%, 32%, 93%
CMY	0.3059, 0.6824, 0.0667
CMYK	0.26, 0.66, 0.00, 0.07
HSL	277°, 82%, 63%
HSV	277°, 66%, 93%
XYZ	36.5065, 21.4050, 83.0964
YIQ	127.6020, 6.8190, 69.1790

# Conversions

## Conversions Part 2

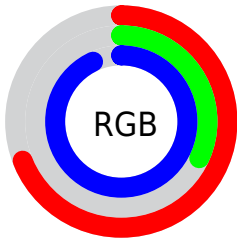
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 81, 238
Decimal	11620846
CIELab	53.39, 64.36, -63.13
CIElCh	53, 90.153, 315.551
Yxy	21.4050, 0.2589, 0.1518
Android (android.graphics.Color)	4289810926 (0xFFB151EE)
YUV	127.6020, 54.4262, 43.3220
Hunter-Lab	46.2656, 59.8833, -74.1034

# Details

The Hex color **B151EE** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **8EEE51**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **EC88FF**, and **7712B5** is the 20% darker color. If you saturate the color by 10%, you get **A839EE**, and if you desaturate by 10%, it is **BA69EE**.

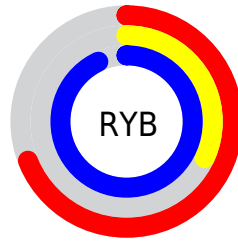
# Distribution



Red (69%)

Green (32%)

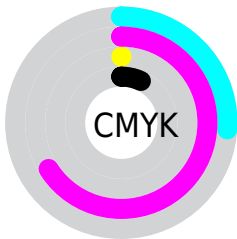
Blue (93%)



Red (69%)

Yellow (32%)

Blue (93%)

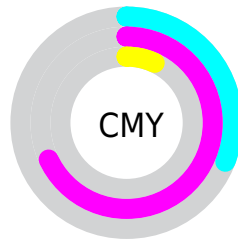


Cyan (26%)

Magenta (66%)

Yellow (0%)

Black (7%)



Cyan (31%)

Magenta (68%)


Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B151EE 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 B151EE by changing the saturation by 10% instead.



 B151EE

 B151EE

FFFFFF

 9435D1

 EC88FF

 7712B5

 FFA4FF

 5A009A

 FFC0FF

 3D007F

 FFDDFF

 1E0065

 FFFBFF

 00004C

 000434

 00021E

 000000

 B151EE

 B151EE

 A839EE

 BA69EE

 9F21EE

 C381EE

 950AEE

 CD98EE

 9200EE

 D6B0EE

 DFC8EE

 E8E0EE

 F2F8EE

 FBFFEE

 FFFFEE

# Harmonies

## Analogous

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



007CFF



B151EE



F300A8

# Triad

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



B151EE



BA6E00



009FA7

# Complementary

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



B151EE



8EEE51

# 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.



009D56



B151EE



768900

# Square

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



B151EE



EB4103



009700



009EEE

# Rectangle

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



B151EE



FF0075



009700



009F8D



# Sweetspot

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



B151EE



EBCCFF



5190EE



746180



000000



808080



# Same Dimension

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



B151EE



B136FF



EE51DE



736C78



7000B8



220038



# Inverse Universe

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



EE518E



FF3684



51EE61



786C71



B80047

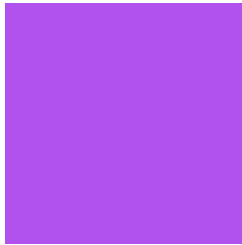


380016



# Previews

## White Background



This preview shows how the Hex color B151EE 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

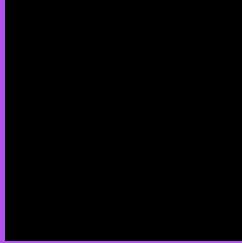
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B151EE Background



This preview shows how black text looks on a background with the Hex color B151EE.

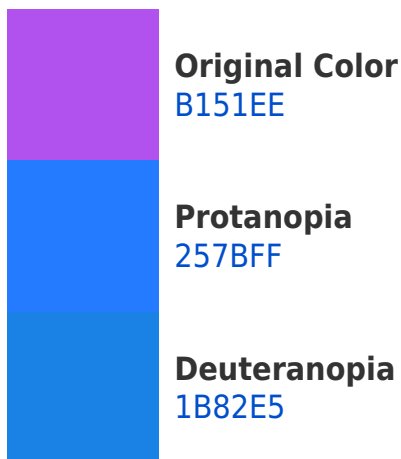


This preview shows how white text looks on a background with the Hex color B151EE.

# 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](#).

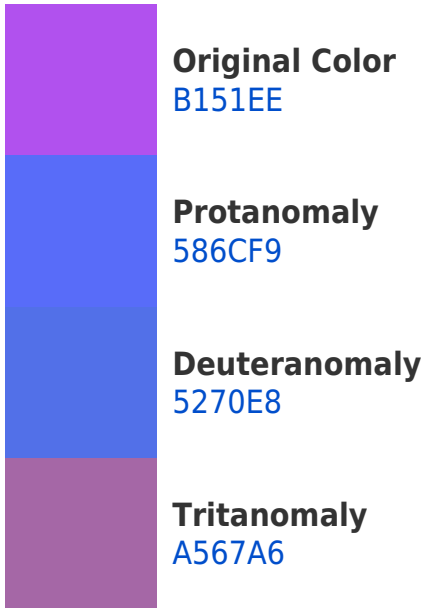
## Dichromacy



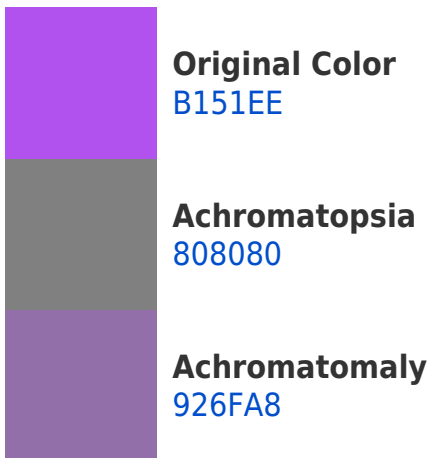


**Tritanopia**  
9E747D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B151EE 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 #B151EE looks like.

```
.text, #text, p{  
    color:#B151EE  
}
```

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 #B151EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B151EE
}
```

## Border

The CSS property to change the border of an element to Hex B151EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

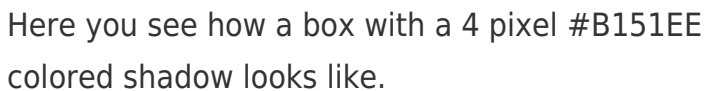
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B151EE }
```

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

```
.border{ border-color:#B151EE }
```

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



Here you see how a box with a 4 pixel #B151EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B151EE; -webkit-box-shadow:4px 4px  
4px 4px #B151EE; box-shadow:4px 4px 4px  
4px #B151EE }
```

# Background

The CSS property to change the background color of an element to Hex B151EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B151EE }
```

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

```
.background{ background-color:#B151EE }
```

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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