

Converting Colors

Hex(B157F6)

Have a look what the booklet for
Hex(B157F6) contains.

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Color

Hex(B157F6)

Conversions

Conversions Part 1

Format	Color
Hex	B157F6
RGB	177, 87, 246
RGB Percent	69%, 34%, 96%
CMY	0.3059, 0.6588, 0.0353
CMYK	0.28, 0.65, 0.00, 0.04
HSL	274°, 90%, 65%
HSV	274°, 65%, 96%
XYZ	38.1742, 22.8173, 89.5810
YIQ	132.0360, 2.6010, 68.5290

Conversions

Conversions Part 2

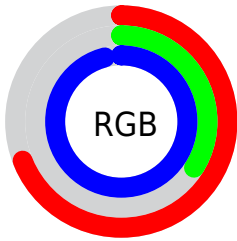
Format	Color
R_{YB}	177, 87, 246
Decimal	11622390
CIE _{Lab}	54.88, 63.37, -65.19
CIE _{LCh}	55, 90.917, 314.189
Yxy	22.8173, 0.2535, 0.1515
Android (android.graphics.Color)	4289812470 (0xFFB157F6)
YUV	132.0360, 56.1843, 39.4334
Hunter-Lab	47.7675, 59.0583, -77.7525

Details

The Hex color **B157F6** 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 **9CF657**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **EC8EFF**, and **771DBD** is the 20% darker color. If you saturate the color by 10%, you get **A63EF6**, and if you desaturate by 10%, it is **BC70F6**.

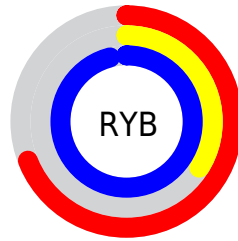
Distribution



Red (69%)

Green (34%)

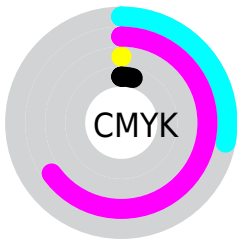
Blue (96%)



Red (69%)

Yellow (34%)

Blue (96%)

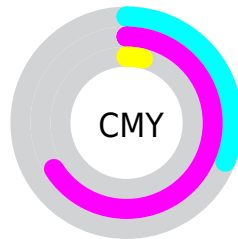


Cyan (28%)

Magenta (65%)

Yellow (0%)

Black (4%)



Cyan (31%)


Magenta (66%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color B157F6 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 B157F6 by changing the saturation by 10% instead.

 B157F6

 B157F6

FFFFFF

 943BD9

 EC8EFF

 771DBD

 FFAAFF

 5A00A1

 FFC6FF

 3C0086

 FFE3FF

 1A006C

 000053

 00063A

 000224

 00000B

 B157F6

 B157F6

 A63EF6

 BC70F6

 9C26F6

 C688F6

 910DF6

 D1A1F6

 8B00F6

 DCB9F6

 E6D2F6

 F1EBF6

 FCFFF6

 FFFFF6

Harmonies

Analogous

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



0081FF



B157F6



F700B0

Triad

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



B157F6



C17000



00A4A8

Complementary

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



B157F6



9CF657

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.



00A155



B157F6



7E8C00

Square

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



B157F6



F2420E



009A00



00A2F1

Rectangle

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



B157F6



FF007C



009A00



00A38D

Sweetspot

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



B157F6



EACFFF



579FF6



736280



000000



808080

Same Dimension

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



B157F6



A938FF



F657EE



756E7A



6900BA



21003B

Inverse Universe

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



F6579C



FF388E



57F65F



7A6E73



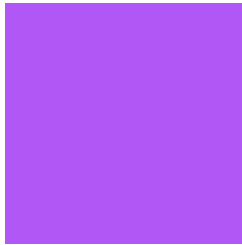
BA0051



3B0019

Previews

White Background



This preview shows how the Hex color B157F6 looks on a white background.

Color Contrast Check

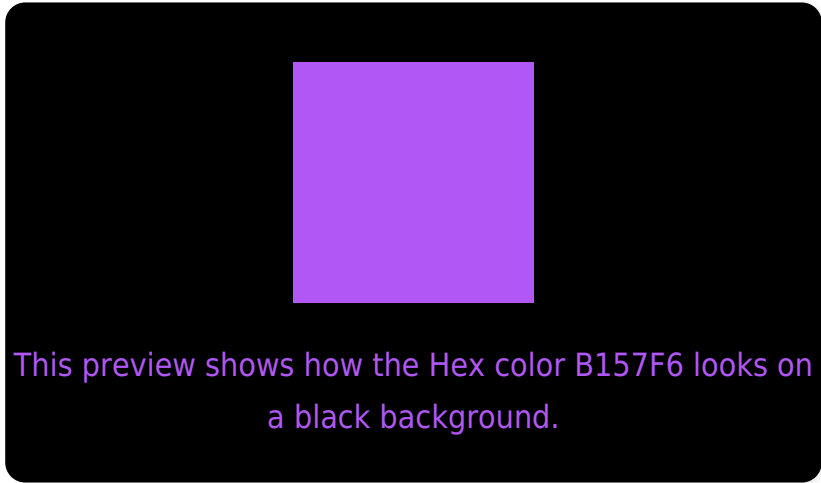
Large Text (above 18pt) WCAG AA ✓ Pass

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

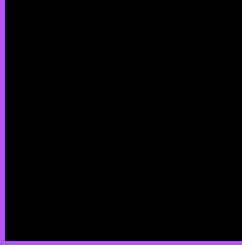
Any Text WCAG AA ✓ Pass

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 B157F6 Background



This preview shows how black text looks on a background with the Hex color B157F6.

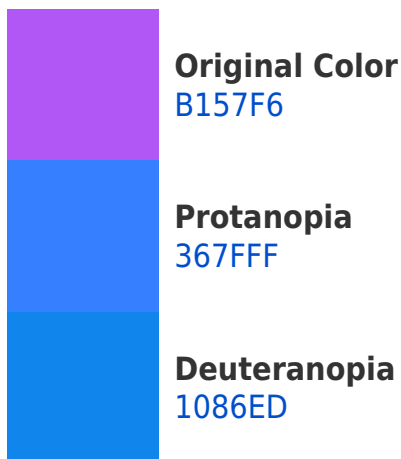



This preview shows how white text looks on a background with the Hex color B157F6.

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
9D7A83

Trichromacy



Original Color
B157F6



Protanomaly
6370FC



Deuteranomaly
4B75F0



Tritanomaly
A46DAD

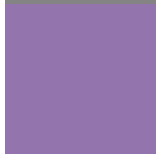
Monochromacy



Original Color
B157F6



Achromatopsia
848484



Achromatomaly
9474AD

CSS Examples

Text

The CSS property to change the color of the text to Hex B157F6 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 #B157F6 looks like.

```
.text, #text, p{  
    color:#B157F6  
}
```

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 #B157F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B157F6
}
```

Border

The CSS property to change the border of an element to Hex B157F6 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
#B157F6 }
```

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

```
.border{ border-color:#B157F6 }
```

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

Here you see how a box with a 4 pixel #B157F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B157F6; -webkit-box-shadow:4px 4px  
4px 4px #B157F6; box-shadow:4px 4px 4px  
4px #B157F6 }
```

Background

The CSS property to change the background color of an element to Hex B157F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B157F6 }
```

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

```
.background{ background-color:#B157F6 }
```

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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