

Converting Colors

Hex(B77FE3)

Have a look what the booklet for
Hex(B77FE3) contains.

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Color

Hex(B77FE3)

Conversions

Conversions Part 1

Format	Color
Hex	B77FE3
RGB	183, 127, 227
RGB Percent	72%, 50%, 89%
CMY	0.2824, 0.5020, 0.1098
CMYK	0.19, 0.44, 0.00, 0.11
HSL	274°, 64%, 69%
HSV	274°, 44%, 89%
XYZ	40.9829, 30.7921, 76.4565
YIQ	155.1440, 1.2760, 42.9720

Conversions

Conversions Part 2

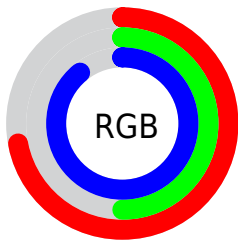
Format	Color
RYB	183, 127, 227
Decimal	12025827
CIELab	62.33, 40.10, -42.71
CIELCh	62, 58.587, 313.196
Yxy	30.7921, 0.2765, 0.2077
Android (android.graphics.Color)	4290215907 (0xFFB77FE3)
YUV	155.1440, 35.4250, 24.4297
Hunter-Lab	55.4906, 34.7237, -42.8480

Details

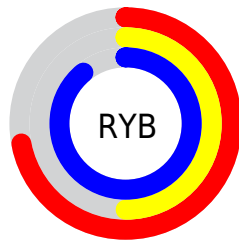
The Hex color **B77FE3** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **ABE37F**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **F0B5FF**, and **804CAB** is the 20% darker color. If you saturate the color by 10%, you get **AD68E3**, and if you desaturate by 10%, it is **C196E3**.

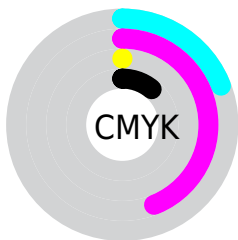
Distribution



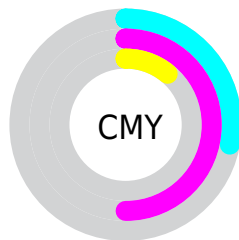
- Red (72%)
- Green (50%)
- Blue (89%)



- Red (72%)
- Yellow (50%)
- Blue (89%)



- Cyan (19%)
- Magenta (44%)
- Yellow (0%)
- Black (11%)



- Cyan (28%)
- Magenta (50%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B77FE3 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 B77FE3 by changing the saturation by 10% instead.

 B77FE3

 B77FE3

FFFFFF

 9B65C7

 F0B5FF

 804CAB

 FFD1FF

 653490

 FFEDFF

 4B1B76

 31015D

 190045

 00002E

 000118

 000000

 B77FE3

 B77FE3

 AD68E3

 C196E3

 A352E3

 CBACE3

 993BE3

 D5C3E3

 8F24E3

 DFDAE3

 850EE3

 E9F1E3

 7F00E3

 F3FFE3

 FDFFE3

 FFFFE3

Harmonies

Analogous

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



5E95FC



B77FE3



E66BB6

Triad

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



B77FE3



CA892E



00B0AD

Complementary

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



B77FE3



ABE37F

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.



00AE77



B77FE3



9C9B27

Square

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



B77FE3



EA7552



62A746



00ADDD

Rectangle

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



B77FE3



F46693



62A746



00B09B

Sweetspot

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



B77FE3



F0DEFF



7FACE3



776B80



000000



808080

Same Dimension

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



B77FE3



C478FF



E37FDE



6E6773



6400B3



1D0033

Inverse Universe

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



E37FAB



FF78B3



7FE384



73676C



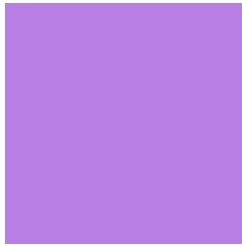
B3004F



330016

Previews

White Background



This preview shows how the Hex color B77FE3 looks on a white background.

Color Contrast Check

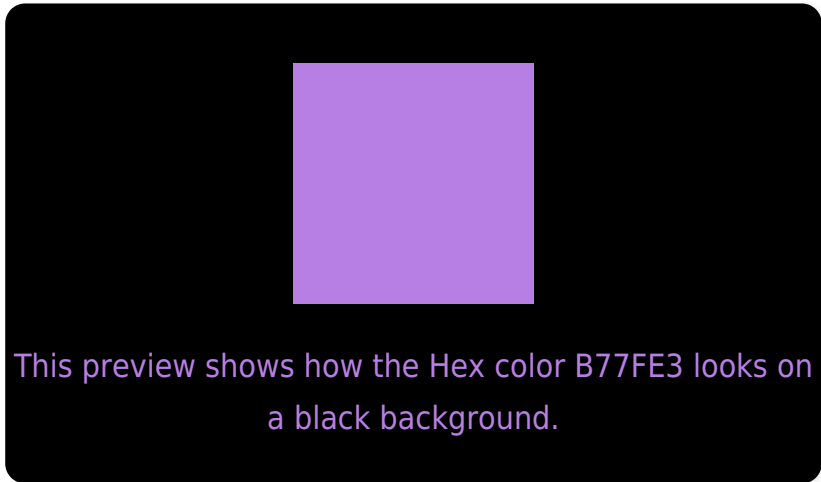
Large Text (above 18pt) WCAG AA × Fail

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

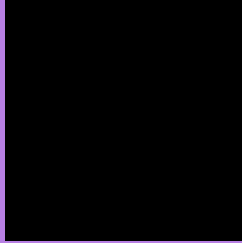
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex B77FE3 Background



This preview shows how black text looks on a background with the Hex color B77FE3.

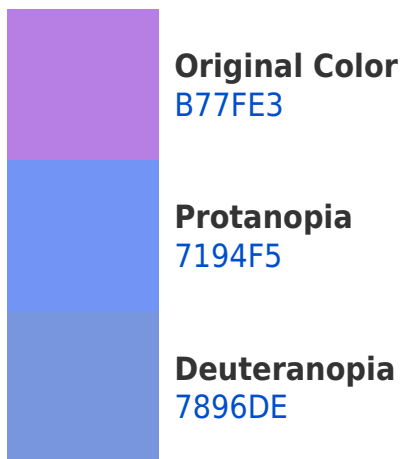


This preview shows how white text looks on a background with the Hex color B77FE3.

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
AB8F9A

Trichromacy



Original Color
B77FE3



Protanomaly
8A8CEE



Deuteranomaly
8F8EE0



Tritanomaly
AF89B5

Monochromacy



Original Color
B77FE3



Achromatopsia
9B9B9B



Achromatomaly
A591B5

CSS Examples

Text

The CSS property to change the color of the text to Hex B77FE3 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 #B77FE3 looks like.

```
.text, #text, p{  
    color:#B77FE3  
}
```

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 #B77FE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B77FE3
}
```

Border

The CSS property to change the border of an element to Hex B77FE3 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
#B77FE3 }
```

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

```
.border{ border-color:#B77FE3 }
```

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

Here you see how a box with a 4 pixel #B77FE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B77FE3; -webkit-box-shadow:4px 4px  
4px 4px #B77FE3; box-shadow:4px 4px 4px  
4px #B77FE3 }
```

Background

The CSS property to change the background color of an element to Hex B77FE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B77FE3 }
```

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

```
.background{ background-color:#B77FE3 }
```

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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