

Converting Colors

Hex(B777F5)

Have a look what the booklet for
Hex(B777F5) contains.

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Color

Hex(**B777F5**)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B777F5 |
| RGB | 183, 119, 245 |
| RGB Percent | 72%, 47%, 96% |
| CMY | 0.2824, 0.5333, 0.0392 |
| CMYK | 0.25, 0.51, 0.00, 0.04 |
| HSL | 270°, 86%, 71% |
| HSV | 270°, 51%, 96% |
| XYZ | 42.6067, 29.8535, 89.9029 |
| YIQ | 152.5000, -2.3020, 52.7540 |

Conversions

Conversions Part 2

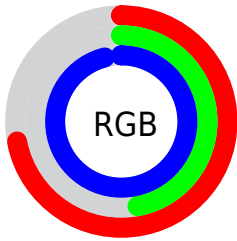
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 183, 119, 245 |
| Decimal | 12023797 |
| CIE Lab | 61.53, 48.49, -53.96 |
| CIE LCh | 62, 72.549, 311.944 |
| Yxy | 29.8535, 0.2624, 0.1839 |
| Android (android.graphics.Color) | 4290213877 (0xFFB777F5) |
| YUV | 152.5000, 45.6025, 26.7485 |
| Hunter-Lab | 54.6384, 43.5762, -59.3099 |

Details

The Hex color **B777F5** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B5F577**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **F1ADFF**, and **7F44BC** is the 20% darker color. If you saturate the color by 10%, you get **AB5EF5**, and if you desaturate by 10%, it is **C38FF5**.

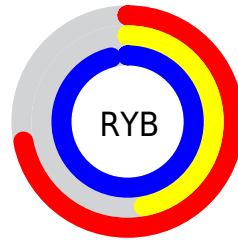
Distribution



Red (72%)

Green (47%)

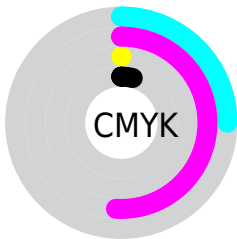
Blue (96%)



Red (72%)

Yellow (47%)

Blue (96%)

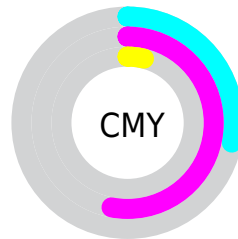


Cyan (25%)

Magenta (51%)

Yellow (0%)

Black (4%)



Cyan (28%)

Magenta (53%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color B777F5 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 B777F5 by changing the saturation by 10% instead.

 B777F5

 B777F5

FFFFFF

 9B5DD8

 F1ADFF

 7F44BC

 FFC9FF

 632AA1

 FFE5FF

 470E86

 2B006C

 0D0053

 00003B

 000224

 00000C

 B777F5

 B777F5

 AB5EF5

 C38FF5

 9F46F5

 CFA8F5

 932DF5

 DBC0F5

 8715F5

 E7D9F5

 7C00F5

 F3F2F5

 FFFFF5

Harmonies

Analogous

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



1794FF



B777F5



F359BE

Triad

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



B777F5



D18300



00B2AD

Complementary

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



B777F5



B5F577

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.



00AF6A



B777F5



9A9A00

Square

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



B777F5



F86641



50A829



00B0E9

Rectangle

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



B777F5



FF4F93



50A829



00B197

Sweetspot

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



B777F5



ECD9FF



77B6F5



746980



000000



808080

Same Dimension

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



B777F5



B161FF



F577F5



746E7A



5F00BA



1E003B

Inverse Universe

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



F577B5



FF61AF



77F577



7A6E74



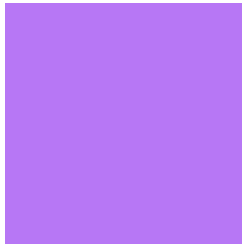
BA005C



3B001D

Previews

White Background



This preview shows how the Hex color B777F5 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

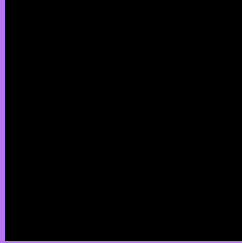
Any Text WCAG AA ✓ Pass

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 B777F5 Background



This preview shows how black text looks on a background with the Hex color B777F5.

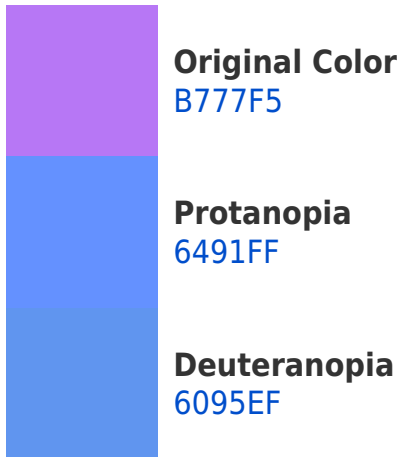


This preview shows how white text looks on a background with the Hex color B777F5.

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](#).

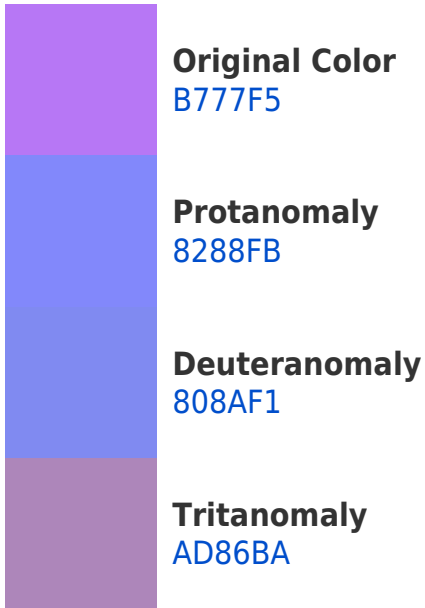
Dichromacy



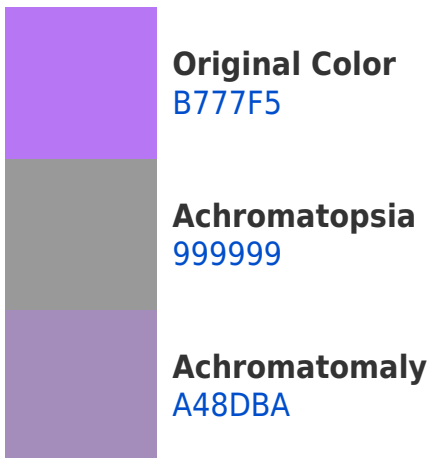


Tritanopia
A78E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B777F5 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 #B777F5 looks like.

```
.text, #text, p{  
    color:#B777F5  
}
```

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 #B777F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B777F5
}
```

Border

The CSS property to change the border of an element to Hex B777F5 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
#B777F5 }
```

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

```
.border{ border-color:#B777F5 }
```

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

Here you see how a box with a 4 pixel #B777F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B777F5; -webkit-box-shadow:4px 4px  
4px 4px #B777F5; box-shadow:4px 4px 4px  
4px #B777F5 }
```

Background

The CSS property to change the background color of an element to Hex B777F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B777F5 }
```

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

```
.background{ background-color:#B777F5 }
```

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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