

# Converting Colors

Hex(B877F4)

Have a look what the booklet for  
Hex(B877F4) contains.

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# Color

Hex(B877F4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B877F4
RGB	184, 119, 244
RGB Percent	72%, 47%, 96%
CMY	0.2784, 0.5333, 0.0431
CMYK	0.25, 0.51, 0.00, 0.04
HSL	271°, 85%, 71%
HSV	271°, 51%, 96%
XYZ	42.6931, 29.9157, 89.1121
YIQ	152.6850, -1.3850, 52.6550

# Conversions

## Conversions Part 2

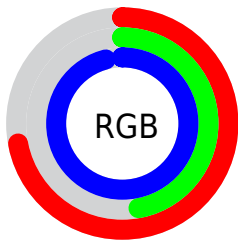
Format	Color
<a href="#">RYB</a>	<a href="#">184, 119, 244</a>
Decimal	<a href="#">12089332</a>
CIELab	<a href="#">61.58, 48.52, -53.32</a>
CIELCh	<a href="#">62, 72.089, 312.303</a>
Yxy	<a href="#">29.9157, 0.2640, 0.1850</a>
Android (android.graphics.Color)	<a href="#">4290279412 (0xFFB877F4)</a>
YUV	<a href="#">152.6850, 45.0183, 27.4633</a>
Hunter-Lab	<a href="#">54.6952, 43.6141, -58.3115</a>

# Details

The Hex color **B877F4** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B3F477**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **F2ADFF**, and **8044BB** is the 20% darker color. If you saturate the color by 10%, you get **AC5FF4**, and if you desaturate by 10%, it is **C48FF4**.

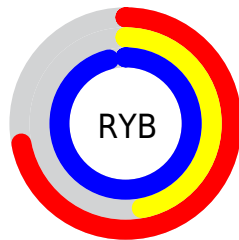
# Distribution



Red (72%)

Green (47%)

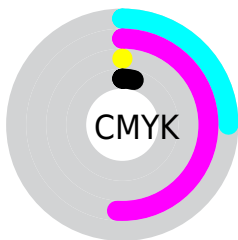
Blue (96%)



Red (72%)

Yellow (47%)

Blue (96%)

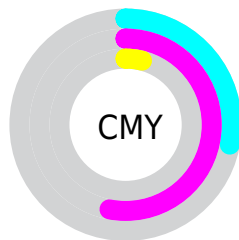


Cyan (25%)

Magenta (51%)

Yellow (0%)

Black (4%)



Cyan (28%)

Magenta (53%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B877F4 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 B877F4 by changing the saturation by 10% instead.



 B877F4

 B877F4

FFFFFF

 9C5DD7

 F2ADFF

 8044BB

 FFC9FF

 642AA0

 FFE5FF

 490E85

 2C006B

 0F0052

 00003A

 000223

 00000B

 B877F4

 B877F4

 AC5FF4

 C48FF4

 A146F4

 CFA8F4

 952EF4

 DBC0F4

 8915F4

 E7D9F4

 7F00F4

 F3F1F4

 FEFFF4

 FFFFF4

# Harmonies

## Analogous

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



2394FF



B877F4



F359BD

# Triad

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



B877F4



D18400



00B2AE

# Complementary

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



B877F4



B3F477

# 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.



00AF6B



B877F4



9A9A00

# Square

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



B877F4



F76741



50A82B



00B0EA

# Rectangle

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



B877F4



FF4F93



50A82B



00B298



# Sweetspot

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



B877F4



EDD9FF



77B3F4



746980



000000



808080



# Same Dimension

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



B877F4



B463FF



F477F2



756E7A



6100BA



1E003B



# Inverse Universe

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



F477B3



FF63AE



77F479



7A6E74



BA0059

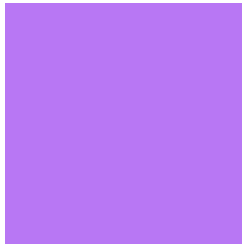


3B001C



# Previews

## White Background



This preview shows how the Hex color B877F4 looks on a white background.

## Color Contrast Check

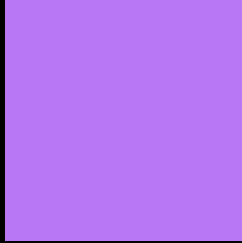
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color B877F4 looks on a 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 B877F4 Background



This preview shows how black text looks on a background with the Hex color B877F4.

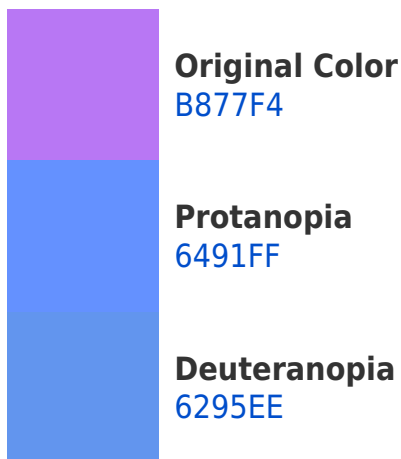



This preview shows how white text looks on a background with the Hex color B877F4.

# 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](#).

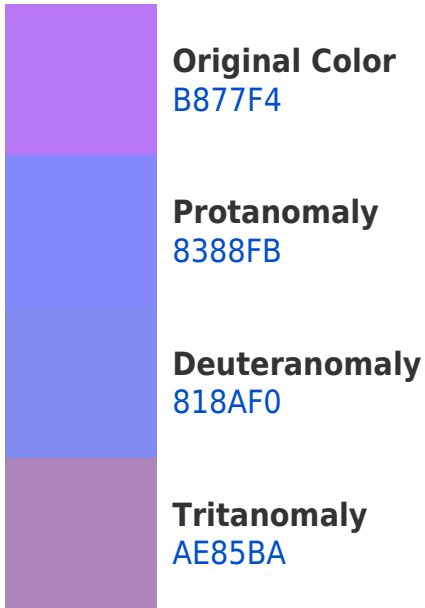
## Dichromacy



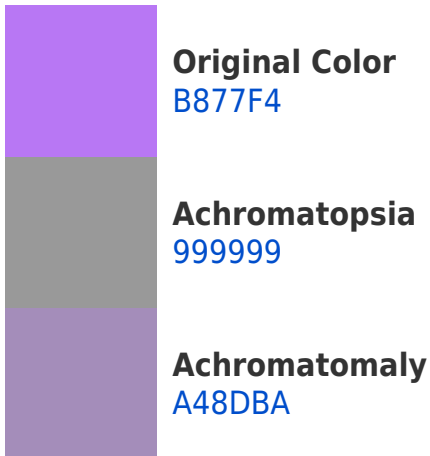


**Tritanopia**  
A88D99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B877F4 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 #B877F4 looks like.

```
.text, #text, p{  
    color:#B877F4  
}
```

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 #B877F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B877F4
}
```

## Border

The CSS property to change the border of an element to Hex B877F4 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".

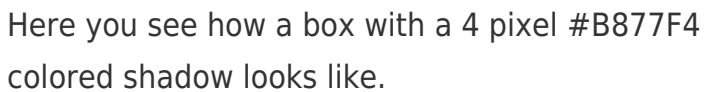
```
.border, #border, table{ border:4px solid
#B877F4 }
```

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

```
.border{ border-color:#B877F4 }
```

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

Here you see how a box with a 4 pixel #B877F4 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 bottom, and a thicker purple shadow on the right and bottom sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B877F4; -webkit-box-shadow:4px 4px  
4px 4px #B877F4; box-shadow:4px 4px 4px  
4px #B877F4 }
```

# Background

The CSS property to change the background color of an element to Hex B877F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B877F4 }
```

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

```
.background{ background-color:#B877F4 }
```

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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