

Converting Colors

Hex(B87EFC)

Have a look what the booklet for
Hex(B87EFC) contains.

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Color

Hex(B87EFC)

Conversions

Conversions Part 1

Format	Color
Hex	B87EFC
RGB	184, 126, 252
RGB Percent	72%, 49%, 99%
CMY	0.2784, 0.5059, 0.0118
CMYK	0.27, 0.50, 0.00, 0.01
HSL	268°, 95%, 74%
HSV	268°, 50%, 99%
XYZ	44.7987, 32.1403, 95.9380
YIQ	157.7060, -5.8780, 51.4820

Conversions

Conversions Part 2

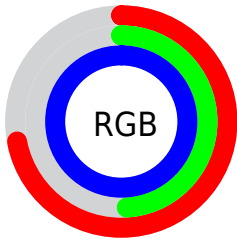
Format	Color
RYB	184, 126, 252
Decimal	12091132
CIELab	63.46, 46.62, -54.74
CIElCh	63, 71.903, 310.421
Yxy	32.1403, 0.2591, 0.1859
Android (android.graphics.Color)	4290281212 (0xFFB87EFC)
YUV	157.7060, 46.4869, 23.0598
Hunter-Lab	56.6924, 41.8400, -60.6490

Details

The Hex color **B87EFC** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **C2FC7E**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **F2B4FF**, and **7F4BC3** is the 20% darker color. If you saturate the color by 10%, you get **AA65FC**, and if you desaturate by 10%, it is **C697FC**.

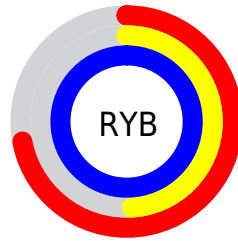
Distribution



Red (72%)

Green (49%)

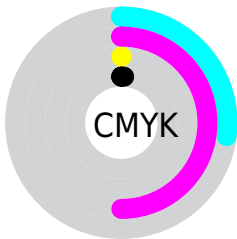
Blue (99%)



Red (72%)

Yellow (49%)

Blue (99%)

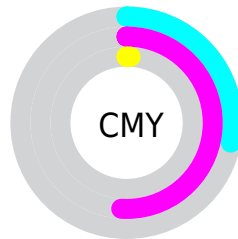


Cyan (27%)

Magenta (50%)

Yellow (0%)

Black (1%)



Cyan (28%)

Magenta (51%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color B87EFC 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 B87EFC by changing the saturation by 10% instead.

 B87EFC

 B87EFC

FFFFFF

 9C64DF

 F2B4FF

 7F4BC3

 FFD0FF

 6432A7

 FFEDFF

 48188C

 2B0072

 070059

 000040

 000329

 000113

 B87EFC

 B87EFC

 AA65FC

 C697FC

 9D4CFC

 D3B0FC

 8F32FC

 E1CAFC

 8219FC

 EEE3FC

 7400FC

 FCFCFC

 FFFFFC

Harmonies

Analogous

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



0F9AFF



B87EFC



F660C6

Triad

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



B87EFC



D9870A



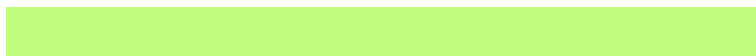
00B7AF

Complementary

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



B87EFC



C2FC7E

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.



00B46C



B87EFC



A39E00

Square

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



B87EFC



FF6A49



5CAD2C



00B5EC

Rectangle

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



B87EFC



FF569C



5CAD2C



00B799

Sweetspot

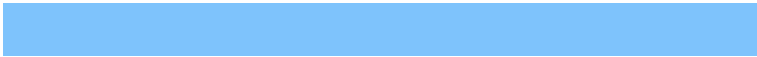
The Sweet Spot groups the original color and five complimentary colors.



B87EFC



EAD9FF



7EC3FC



736980



000000



808080

Same Dimension

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



B87EFC



AC66FF



F67EFC



76707D



5700BD



1C003D

Inverse Universe

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



FC7EC2



FF66B9



84FC7E



7D7077



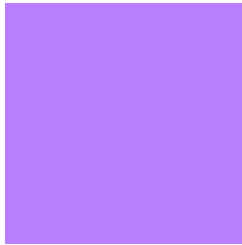
BD0066



3D0021

Previews

White Background



This preview shows how the Hex color B87EFC looks on a white background.

Color Contrast Check

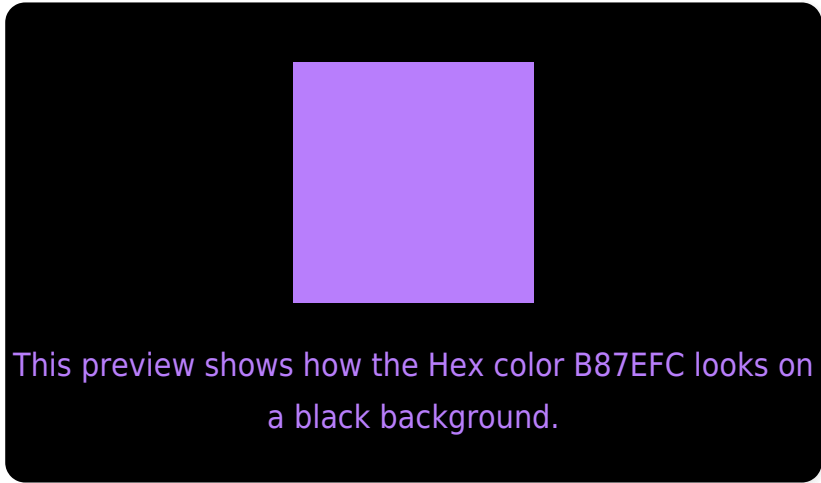
Large Text (above 18pt) WCAG AA × Fail

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

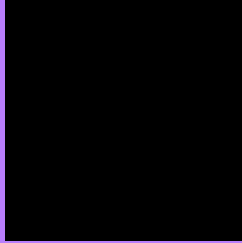
Any Text WCAG AA ✓ Pass

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 B87EFC Background



This preview shows how black text looks on a background with the Hex color B87EFC.



This preview shows how white text looks on a background with the Hex color B87EFC.

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](#).

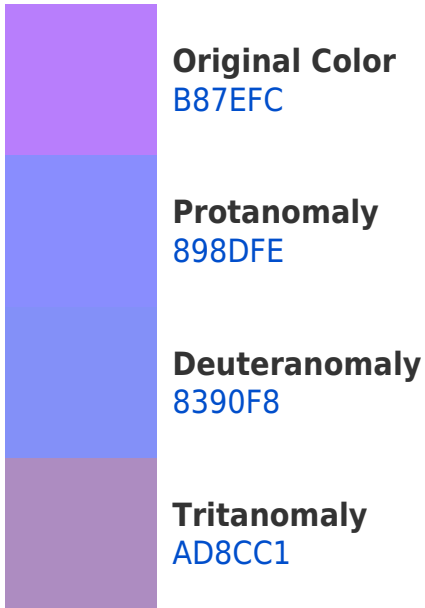
Dichromacy



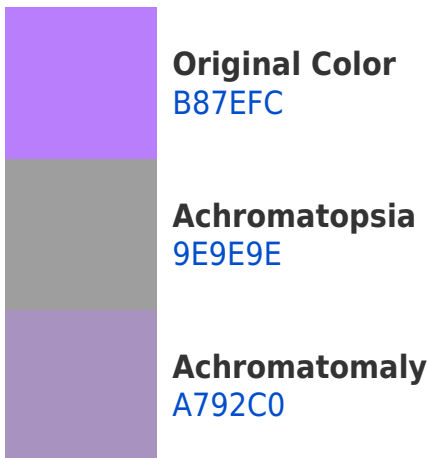


Tritanopia
A794A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B87EFC 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 #B87EFC looks like.

```
.text, #text, p{  
    color:#B87EFC  
}
```

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 #B87EFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B87EFC
}
```

Border

The CSS property to change the border of an element to Hex B87EFC 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
#B87EFC }
```

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

```
.border{ border-color:#B87EFC }
```

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

Here you see how a box with a 4 pixel #B87EFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B87EFC; -webkit-box-shadow:4px 4px  
4px 4px #B87EFC; box-shadow:4px 4px 4px  
4px #B87EFC }
```

Background

The CSS property to change the background color of an element to Hex B87EFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B87EFC }
```

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

```
.background{ background-color:#B87EFC }
```

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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