

Converting Colors

Hex(B87DFC)

Have a look what the booklet for
Hex(B87DFC) contains.

| | |
|--|----|
| Hex(B87DFC) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(**B87DFC**)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B87DFC |
| RGB | 184, 125, 252 |
| RGB Percent | 72%, 49%, 99% |
| CMY | 0.2784, 0.5098, 0.0118 |
| CMYK | 0.27, 0.50, 0.00, 0.01 |
| HSL | 268°, 95%, 74% |
| HSV | 268°, 50%, 99% |
| XYZ | 44.6715, 31.8859, 95.8956 |
| YIQ | 157.1190, -5.6030, 52.0050 |

Conversions

Conversions Part 2

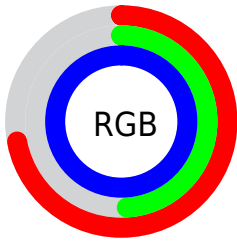
| Format | Color |
|-------------------------------------|--|
| RYB | 184, 125, 252 |
| Decimal | 12090876 |
| CIELab | 63.25, 47.16, -55.07 |
| CIELCh | 63, 72.506, 310.573 |
| Yxy | 31.8859, 0.2590, 0.1849 |
| Android (android.graphics.Color) | 4290280956 (0xFFB87DFC) |
| YUV | 157.1190, 46.7763, 23.5746 |
| Hunter-Lab | 56.4676, 42.3931, -61.1615 |

Details

The Hex color **B87DFC** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **C1FC7D**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **F2B3FF**, and **7F4AC3** is the 20% darker color. If you saturate the color by 10%, you get **AB64FC**, and if you desaturate by 10%, it is **C596FC**.

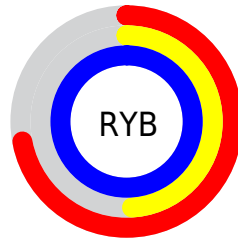
Distribution



Red (72%)

Green (49%)

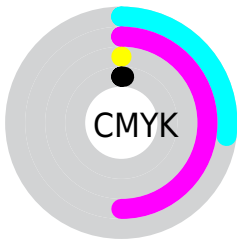
Blue (99%)



Red (72%)

Yellow (49%)

Blue (99%)

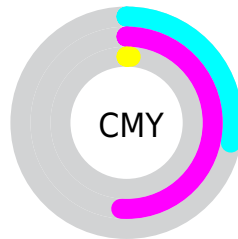


Cyan (27%)

Magenta (50%)

Yellow (0%)

Black (1%)



Cyan (28%)

Magenta (51%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color B87DFC 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 B87DFC by changing the saturation by 10% instead.

 B87DFC

 B87DFC

FFFFFF

 9B63DF

 F2B3FF

 7F4AC3

 FFCFFF

 6431A7

 FFECFF

 48178C

 2B0072

 070059

 000040

 000329

 000113

 B87DFC

 B87DFC

 AB64FC

 C596FC

 9D4BFC

 D3AFFC

 9031FC

 E0C9FC

 8218FC

 EEE2FC

 7500FC

 FBFDFC

 FFFDFC

Harmonies

Analogous

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



0499FF



B87DFC



F65FC6

Triad

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



B87DFC



D98605



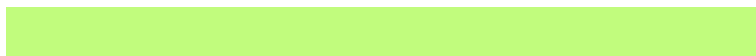
00B7AF

Complementary

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



B87DFC



C1FC7D

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



B87DFC



A29D00

Square

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



B87DFC



FF6948



5AAC2B



00B5EC

Rectangle

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



B87DFC



FF549B



5AAC2B



00B698

Sweetspot

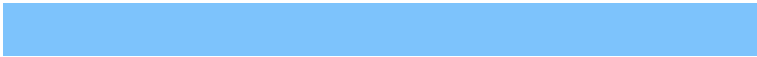
The Sweet Spot groups the original color and five complimentary colors.



B87DFC



EBD9FF



7DC3FC



736980



000000



808080

Same Dimension

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



B87DFC



AD66FF



F67DFC



76707D



5800BD



1C003D

Inverse Universe

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



FC7DC1



FF66B8



83FC7D



7D7077



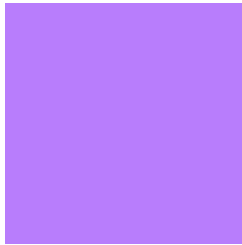
BD0065



3D0021

Previews

White Background



This preview shows how the Hex color B87DFC looks on a white background.

Color Contrast Check

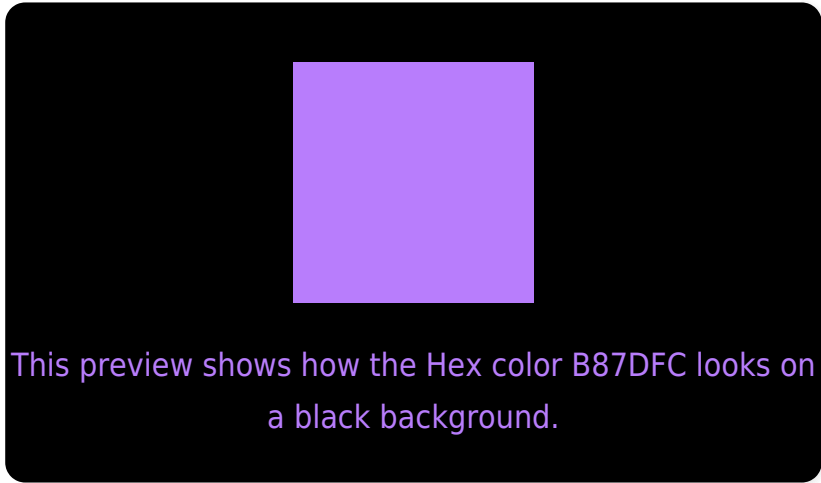
Large Text (above 18pt) WCAG AA × Fail

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

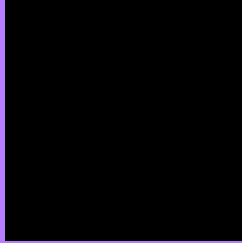
Any Text WCAG AA ✓ Pass

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 B87DFC Background



This preview shows how black text looks on a background with the Hex color B87DFC.



This preview shows how white text looks on a background with the Hex color B87DFC.

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](#).

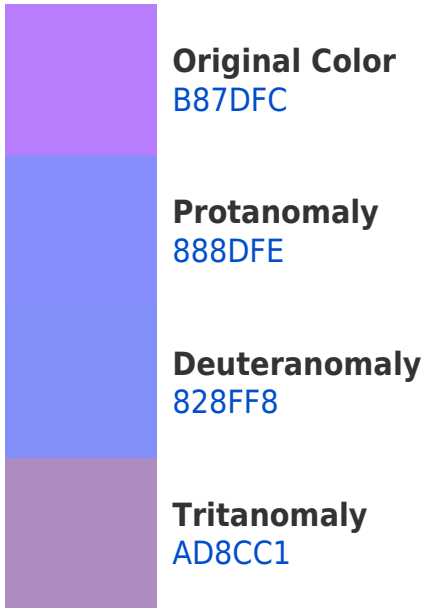
Dichromacy



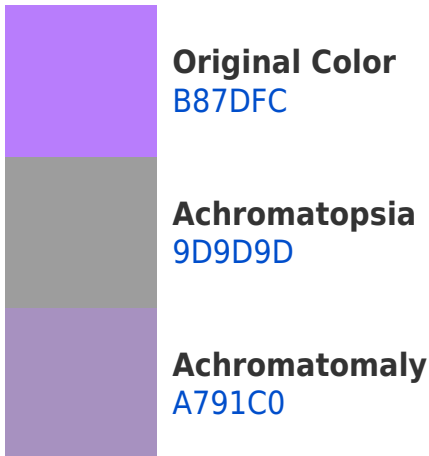


Tritanopia
A7949F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B87DFC 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 #B87DFC looks like.

```
.text, #text, p{  
    color:#B87DFC  
}
```

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 #B87DFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B87DFC
}
```

Border

The CSS property to change the border of an element to Hex B87DFC 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
#B87DFC }
```

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

```
.border{ border-color:#B87DFC }
```

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

Here you see how a box with a 4 pixel #B87DFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B87DFC; -webkit-box-shadow:4px 4px  
4px 4px #B87DFC; box-shadow:4px 4px 4px  
4px #B87DFC }
```

Background

The CSS property to change the background color of an element to Hex B87DFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B87DFC }
```

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

```
.background{ background-color:#B87DFC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor