

# Converting Colors

Hex(B57FDC)

Have a look what the booklet for  
Hex(B57FDC) contains.

<b>Hex(B57FDC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(B57FDC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B57FDC
RGB	181, 127, 220
RGB Percent	71%, 50%, 86%
CMY	0.2902, 0.5020, 0.1373
CMYK	0.18, 0.42, 0.00, 0.14
HSL	275°, 57%, 68%
HSV	275°, 42%, 86%
XYZ	39.5637, 30.1698, 71.4483
YIQ	153.7480, 2.3310, 40.3710

# Conversions

## Conversions Part 2

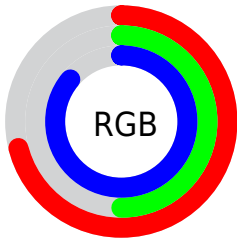
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	181, 127, 220
Decimal	11894748
CIE Lab	61.80, 37.98, -39.66
CIE LCh	62, 54.911, 313.762
Yxy	30.1698, 0.2802, 0.2137
Android (android.graphics.Color)	4290084828 (0xFFB57FDC)
YUV	153.7480, 32.6622, 23.9000
Hunter-Lab	54.9270, 32.4504, -38.6746

# Details

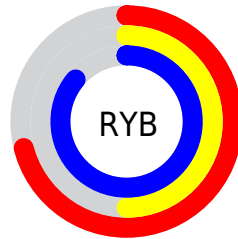
The Hex color **B57FDC** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A6DC7F**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **EEB5FF**, and **7E4CA5** is the 20% darker color. If you saturate the color by 10%, you get **AC69DC**, and if you desaturate by 10%, it is **BE95DC**.

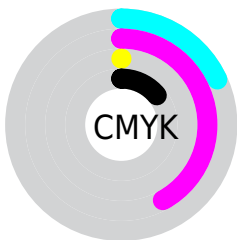
# Distribution



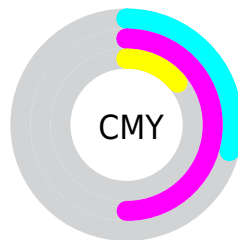
- Red (71%)
- Green (50%)
- Blue (86%)



- Red (71%)
- Yellow (50%)
- Blue (86%)



- Cyan (18%)
- Magenta (42%)
- Yellow (0%)
- Black (14%)



- Cyan (29%)
- Magenta (50%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B57FDC 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 B57FDC by changing the saturation by 10% instead.



 B57FDC

 B57FDC

FFFFFF

 9965C0

 EEB5FF

 7E4CA5

 FFD1FF

 64348A

 FFEDFF

 4A1C70

 300257

 1A003F

 000128

 000112

 000000

 B57FDC

 B57FDC

 AC69DC

 BE95DC

 A353DC

 C7ABDC

 993DDC

 D1C1DC

 9027DC

 DAD7DC

 8711DC

 E3EDDC

 8000DC

 ECFFDC

 F6FFDC

 FFFFDC

# Harmonies

## Analogous

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



6593F4



B57FDC



E16DB2

# Triad

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



B57FDC



C68934



00ADAB

# Complementary

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



B57FDC



A6DC7F

# 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.



00AB78



B57FDC



9A9A2F

# Square

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



B57FDC



E47654



64A54B



00AAD7

# Rectangle

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



B57FDC



ED6991



64A54B



00AD9A



# Sweetspot

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



B57FDC



F1DEFF



7FA7DC



776B80



000000



808080



# Same Dimension

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



B57FDC



C87DFF



DC7FD6



69636E



6500AD



1B002E



# Inverse Universe

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



DC7FA6



FF7DB3



7FDC85



6E6367



AD0049

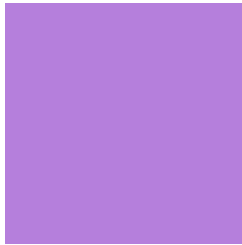


2E0013



# Previews

## White Background



This preview shows how the Hex color B57FDC 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 B57FDC Background



This preview shows how black text looks on a background with the Hex color B57FDC.

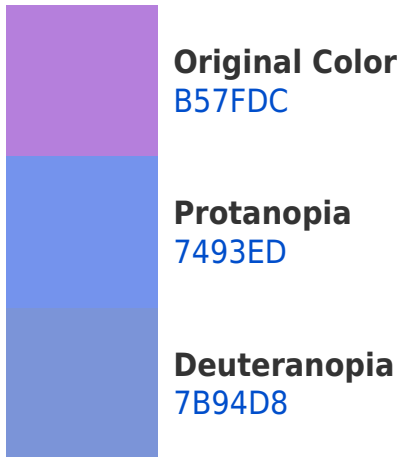


This preview shows how white text looks on a background with the Hex color B57FDC.

# 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](#).

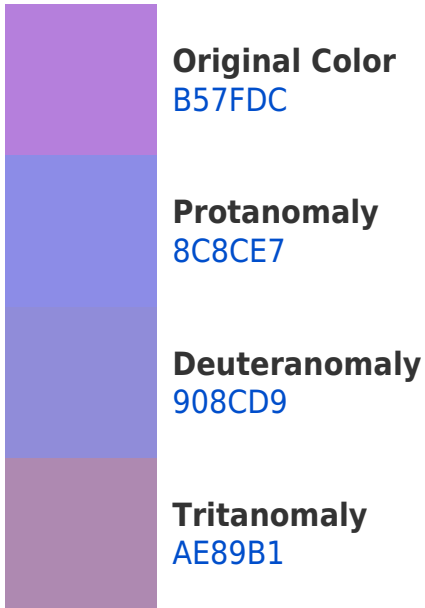
## Dichromacy



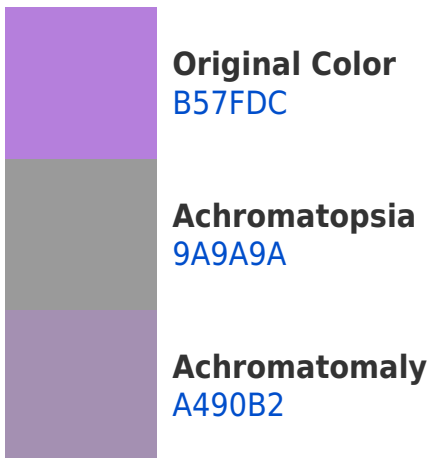


**Tritanopia**  
AA8E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B57FDC 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 #B57FDC looks like.

```
.text, #text, p{  
    color:#B57FDC  
}
```

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 #B57FDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B57FDC
}
```

## Border

The CSS property to change the border of an element to Hex B57FDC 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".

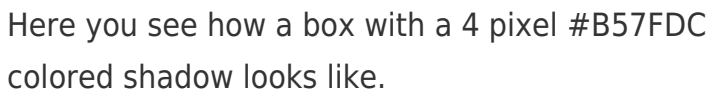
```
.border, #border, table{ border:4px solid
#B57FDC }
```

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

```
.border{ border-color:#B57FDC }
```

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

Here you see how a box with a 4 pixel #B57FDC 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, bottom, and left sides. The right side of the box is shadowed, creating a 3D effect. The shadow is a darker shade of purple.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B57FDC; -webkit-box-shadow:4px 4px  
4px 4px #B57FDC; box-shadow:4px 4px 4px  
4px #B57FDC }
```

# Background

The CSS property to change the background color of an element to Hex B57FDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B57FDC }
```

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

```
.background{ background-color:#B57FDC }
```

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