

Converting Colors

Hex(B57FED)

Have a look what the booklet for
Hex(B57FED) contains.

Hex(B57FED)	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(**B57FED**)

Conversions

Conversions Part 1

Format	Color
Hex	B57FED
RGB	181, 127, 237
RGB Percent	71%, 50%, 93%
CMY	0.2902, 0.5020, 0.0706
CMYK	0.24, 0.46, 0.00, 0.07
HSL	269°, 75%, 71%
HSV	269°, 46%, 93%
XYZ	41.9315, 31.1169, 83.9169
YIQ	155.6860, -3.1260, 45.6580

Conversions

Conversions Part 2

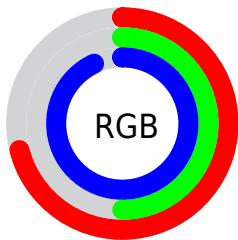
Format	Color
RYB	181, 127, 237
Decimal	11894765
CIELab	62.61, 41.81, -47.84
CIELCh	63, 63.537, 311.152
Yxy	31.1169, 0.2671, 0.1982
Android (android.graphics.Color)	4290084845 (0xFFB57FED)
YUV	155.6860, 40.0878, 22.2004
Hunter-Lab	55.7825, 36.5582, -50.1456

Details

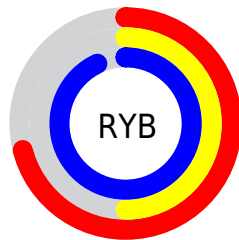
The Hex color **B57FED** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B7ED7F**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **EFB5FF**, and **7D4CB5** is the 20% darker color. If you saturate the color by 10%, you get **A967ED**, and if you desaturate by 10%, it is **C197ED**.

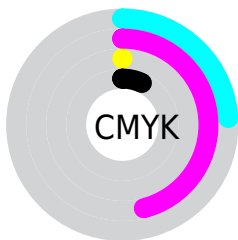
Distribution



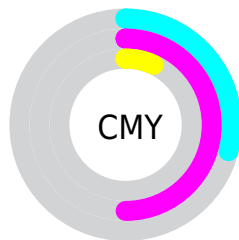
- Red (71%)
- Green (50%)
- Blue (93%)



- Red (71%)
- Yellow (50%)
- Blue (93%)



- Cyan (24%)
- Magenta (46%)
- Yellow (0%)
- Black (7%)



- Cyan (29%)
- Magenta (50%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color B57FED 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 B57FED by changing the saturation by 10% instead.

 B57FED

 B57FED

FFFFFF

 9965D0

 EFB5FF

 7D4CB5


 FFD1FF

 623499

 FFEDFF

 481B7F

 2C0065

 11004D

 000035

 00021F

 000001

 B57FED

 B57FED

 A967ED

 C197ED

 9D50ED

 CDAEED

 9138ED

 D9C6ED

 8520ED

 E5DEED

 7909ED

 F1F6ED

 7400ED

 FDFFED

 FFFFED

Harmonies

Analogous

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



4797FF



B57FED



EB68BD

Triad

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



B57FED



D18824



00B2AC

Complementary

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



B57FED



B7ED7F

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.



00B071



B57FED



A09B15

Square

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



B57FED



F27050



62A93C



00B0E1

Rectangle

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



B57FED



FB6098



62A93C



00B298

Sweetspot

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



B57FED



EDDBFF



7FB8ED



746A80



000000



808080

Same Dimension

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



B57FED



B670FF



EB7FED



6F6A75



5900B5



1A0036

Inverse Universe

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



ED7FB7



FF70B9



81ED7F



756A70



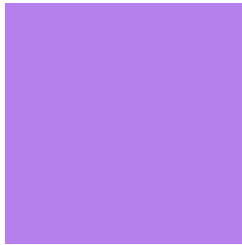
B5005C



36001B

Previews

White Background



This preview shows how the Hex color B57FED looks on a white background.

Color Contrast Check

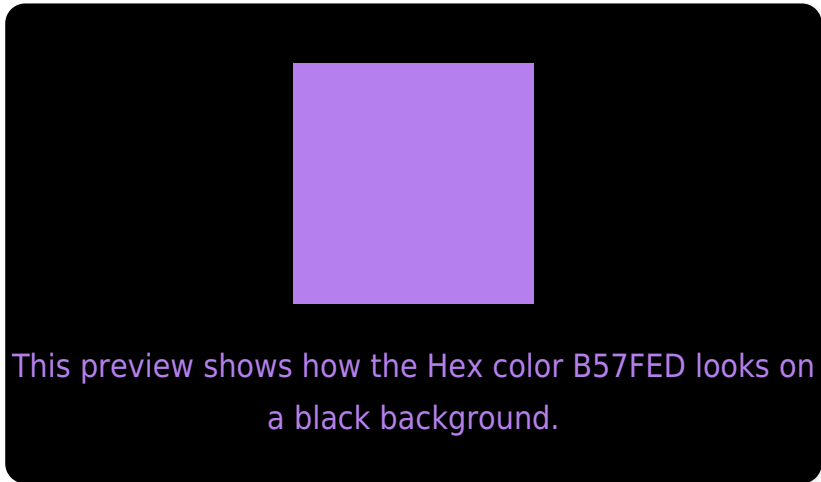
Large Text (above 18pt) WCAG AA × Fail

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 B57FED Background



This preview shows how black text looks on a background with the Hex color B57FED.

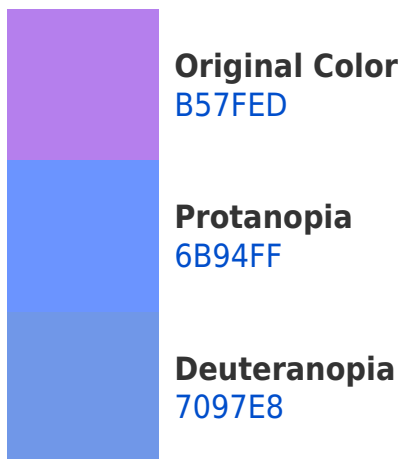



This preview shows how white text looks on a background with the Hex color B57FED.

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](#).

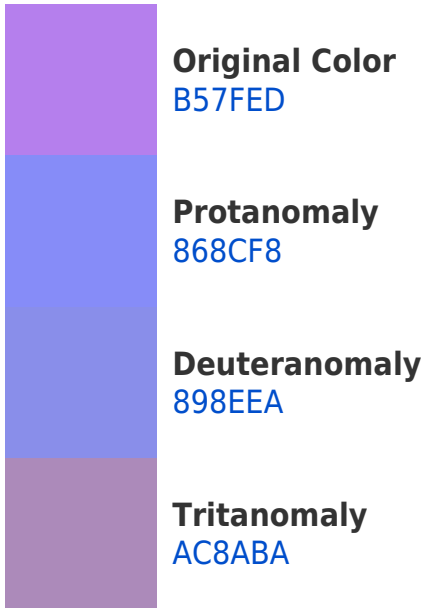
Dichromacy



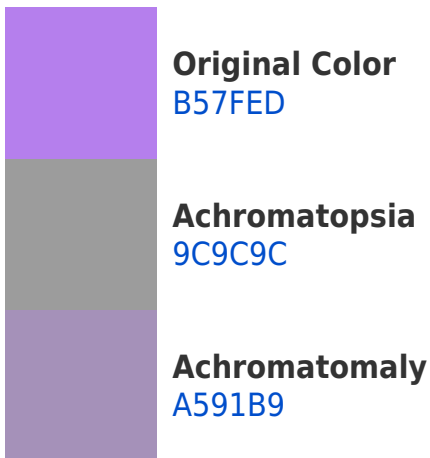


Tritanopia
A7919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B57FED 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 #B57FED looks like.

```
.text, #text, p{  
    color:#B57FED  
}
```

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 #B57FED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B57FED
}
```

Border

The CSS property to change the border of an element to Hex B57FED is called "border". The border property can be set on classes, ids or directly on the HTML element.

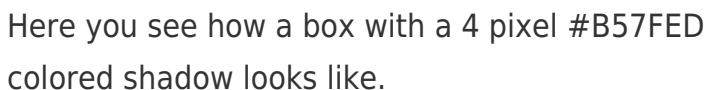
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B57FED }
```

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

```
.border{ border-color:#B57FED }
```

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



Here you see how a box with a 4 pixel #B57FED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B57FED; -webkit-box-shadow:4px 4px  
4px 4px #B57FED; box-shadow:4px 4px 4px  
4px #B57FED }
```

Background

The CSS property to change the background color of an element to Hex B57FED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B57FED }
```

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

```
.background{ background-color:#B57FED }
```

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