

Converting Colors

Hex(B7A5F7)

Have a look what the booklet for
Hex(B7A5F7) contains.

Hex(B7A5F7)	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(B7A5F7)

Conversions

Conversions Part 1

Format	Color
Hex	B7A5F7
RGB	183, 165, 247
RGB Percent	72%, 65%, 97%
CMY	0.2824, 0.3529, 0.0314
CMYK	0.26, 0.33, 0.00, 0.03
HSL	253°, 84%, 81%
HSV	253°, 33%, 97%
XYZ	49.7721, 43.6929, 93.8060
YIQ	179.7300, -15.5940, 29.3180

Conversions

Conversions Part 2

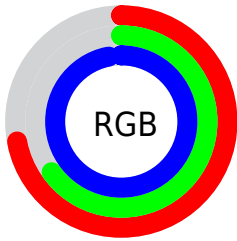
Format	Color
RYB	183, 165, 247
Decimal	12035575
CIELab	72.02, 23.60, -38.54
CIELCh	72, 45.197, 301.484
Yxy	43.6929, 0.2658, 0.2333
Android (android.graphics.Color)	4290225655 (0xFFB7A5F7)
YUV	179.7300, 33.1641, 2.8678
Hunter-Lab	66.1006, 18.7298, -37.8703

Details

The Hex color **B7A5F7** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E5F7A5**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **F0DCFF**, and **8071BE** is the 20% darker color. If you saturate the color by 10%, you get **A48CF7**, and if you desaturate by 10%, it is **CABEF7**.

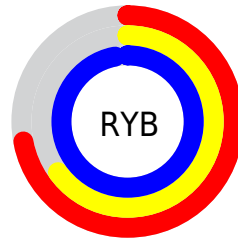
Distribution



Red (72%)

Green (65%)

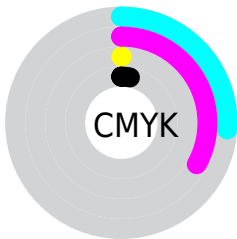
Blue (97%)



Red (72%)

Yellow (65%)

Blue (97%)

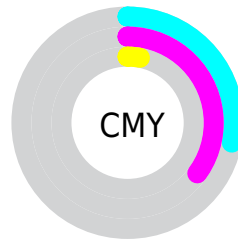


Cyan (26%)

Magenta (33%)

Yellow (0%)

Black (3%)



Cyan (28%)

Magenta (35%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7A5F7 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 B7A5F7 by changing the saturation by 10% instead.

 B7A5F7

 B7A5F7

FFFFFF

 9B8BDA

 F0DCFF

 8071BE

 FFF9FF

 6658A3

 4C4188

 322B6F

 161656

 00003E

 000327

 000111

 B7A5F7

 B7A5F7

 A48CF7

 CABEF7

 9074F7

 DED6F7

 7D5BF7

 F1EFF7

 6A42F7

 FFFFF7

 5729F7

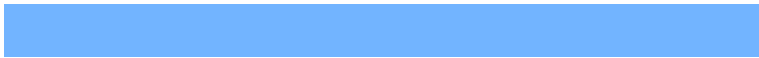
 4311F7

 3600F7

Harmonies

Analogous

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



72B4FF



B7A5F7



E696D9

Triad

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



B7A5F7



EAA069



11C6B1

Complementary

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



B7A5F7



E5F7A5

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.



6AC388



B7A5F7



C8AF5C

Square

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



B7A5F7



FD9388



9EBB68



00C5DA

Rectangle

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



B7A5F7



F890BE



9EBB68



3CC5A3

Sweetspot

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



B7A5F7



EBE6FF



A5E5F7



747080



000000



808080

Same Dimension

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



B7A5F7



AF99FF



E0A5F7



716E7A



2900BA



0D003B

Inverse Universe

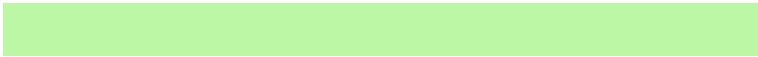
The Inverse Universe completely reimagines the original color for something new.



F7A5E5



FF99E9



BCF7A5



7A6E78



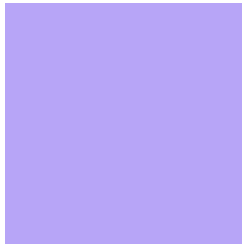
BA0091



3B002E

Previews

White Background



This preview shows how the Hex color B7A5F7 looks on a white background.

Color Contrast Check

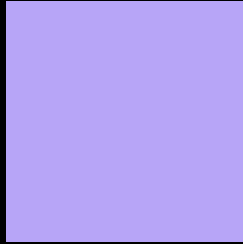
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B7A5F7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

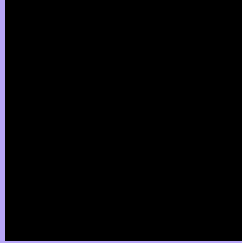
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B7A5F7 Background



This preview shows how black text looks on a background with the Hex color B7A5F7.

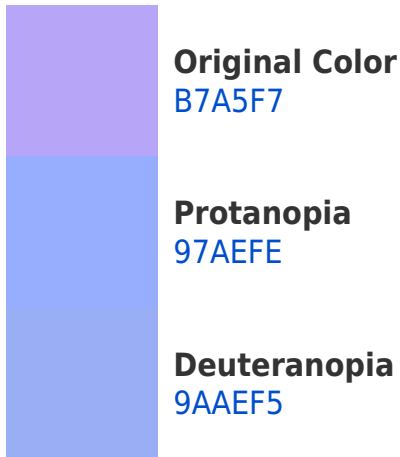


This preview shows how white text looks on a background with the Hex color B7A5F7.

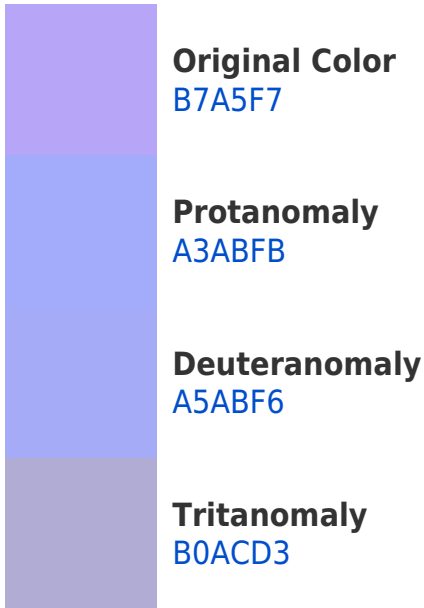
Color Blindness Simulation

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](#).

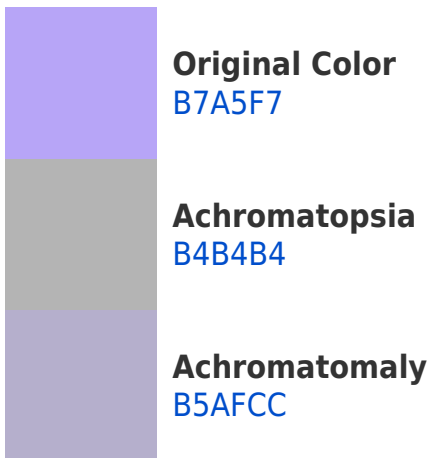
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7A5F7 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 #B7A5F7 looks like.

```
.text, #text, p{  
    color:#B7A5F7  
}
```

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 #B7A5F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7A5F7
}
```

Border

The CSS property to change the border of an element to Hex B7A5F7 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
#B7A5F7 }
```

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

```
.border{ border-color:#B7A5F7 }
```

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

Here you see how a box with a 4 pixel #B7A5F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7A5F7; -webkit-box-shadow:4px 4px  
4px 4px #B7A5F7; box-shadow:4px 4px 4px  
4px #B7A5F7 }
```

Background

The CSS property to change the background color of an element to Hex B7A5F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7A5F7 }
```

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

```
.background{ background-color:#B7A5F7 }
```

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