

Converting Colors

Hex(B98CF7)

Have a look what the booklet for
Hex(B98CF7) contains.

Hex(B98CF7)	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(**B98CF7**)

Conversions

Conversions Part 1

Format	Color
Hex	B98CF7
RGB	185, 140, 247
RGB Percent	73%, 55%, 97%
CMY	0.2745, 0.4510, 0.0314
CMYK	0.25, 0.43, 0.00, 0.03
HSL	265°, 87%, 76%
HSV	265°, 43%, 97%
XYZ	46.1742, 35.7859, 92.4694
YIQ	165.6530, -7.5270, 42.8170

Conversions

Conversions Part 2

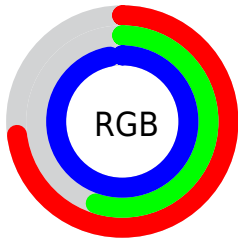
Format	Color
R _Y B	185, 140, 247
Decimal	12160247
CIE _{Lab}	66.36, 38.08, -47.41
CIE _{LCh}	66, 60.803, 308.771
Yxy	35.7859, 0.2647, 0.2052
Android (android.graphics.Color)	4290350327 (0xFFB98CF7)
YUV	165.6530, 40.1041, 16.9673
Hunter-Lab	59.8213, 33.0913, -49.7733

Details

The Hex color **B98CF7** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **CAF78C**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **F3C2FF**, and **8159BE** is the 20% darker color. If you saturate the color by 10%, you get **AB73F7**, and if you desaturate by 10%, it is **C7A5F7**.

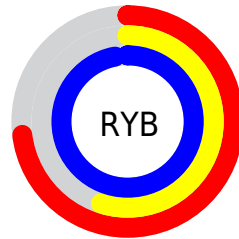
Distribution



Red (73%)

Green (55%)

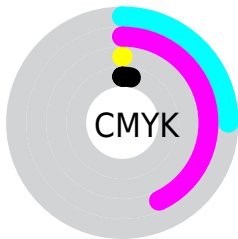
Blue (97%)



Red (73%)

Yellow (55%)

Blue (97%)

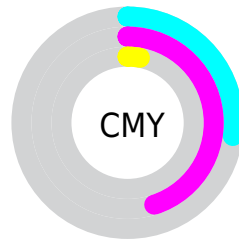


Cyan (25%)

Magenta (43%)

Yellow (0%)

Black (3%)



Cyan (27%)

Magenta (45%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color B98CF7 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 B98CF7 by changing the saturation by 10% instead.

 B98CF7

 B98CF7

FFFFFF

 9D72DA

 F3C2FF

 8159BE

 FFDEFF

 6640A3

 FFFBFF

 4C2988

 30116E

 120055

 00003D

 000326

 00010F

 B98CF7

 B98CF7

 AB73F7

 C7A5F7

 9C5BF7


 D6BDF7

 8E42F7

 E4D6F7

 8029F7

 F2EFF7

 7111F7

 FFFFF7

 6800F7

Harmonies

Analogous

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



50A2FF



B98CF7



F076CA

Triad

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



B98CF7



DE9038



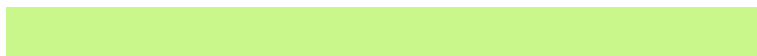
00BCB0

Complementary

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



B98CF7



CAF78C

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.



00B978



B98CF7



AFA42A

Square

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



B98CF7



FD7B60



75B147



00BAE4

Rectangle

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



B98CF7



FF6FA6



75B147



00BB9D

Sweetspot

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



B98CF7



ECDEFF



8CCAF7



746B80



000000



808080

Same Dimension

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



B98CF7



B27AFF



EE8CF7



736E7A



4E00BA



19003B

Inverse Universe

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



F78CCA



FF7AC7



95F78C



7A6E75



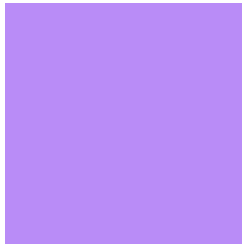
BA006C



3B0022

Previews

White Background



This preview shows how the Hex color B98CF7 looks on a white background.

Color Contrast Check

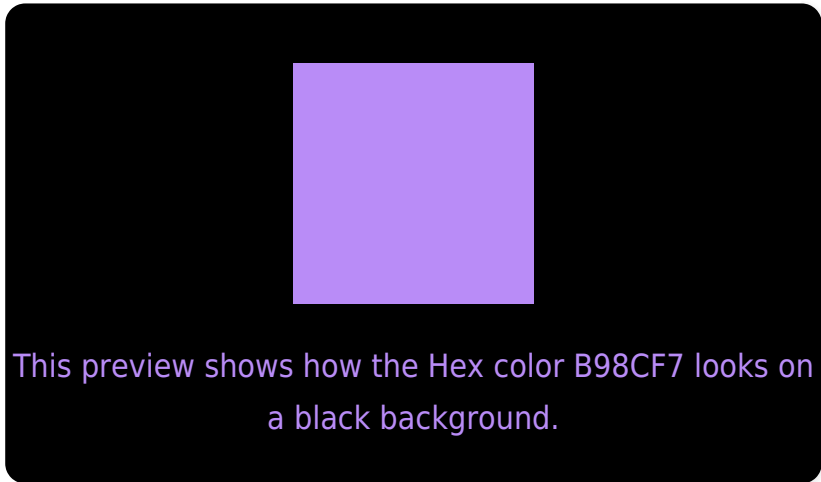
Large Text (above 18pt) WCAG AA × Fail

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

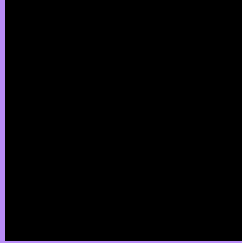
Any Text WCAG AA ✓ Pass

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 B98CF7 Background



This preview shows how black text looks on a background with the Hex color B98CF7.

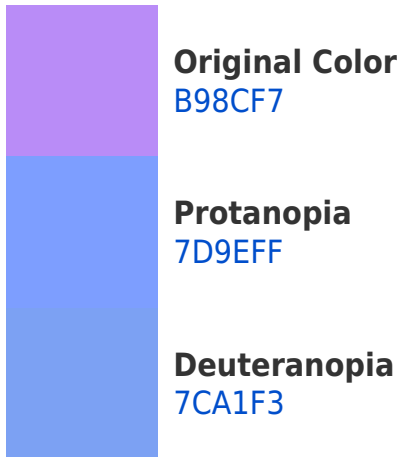


This preview shows how white text looks on a background with the Hex color B98CF7.

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](#).

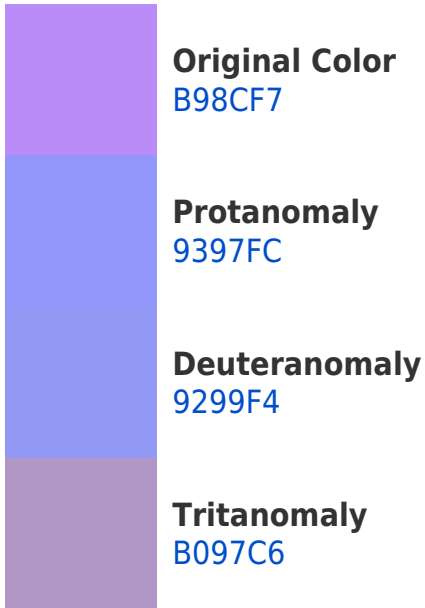
Dichromacy



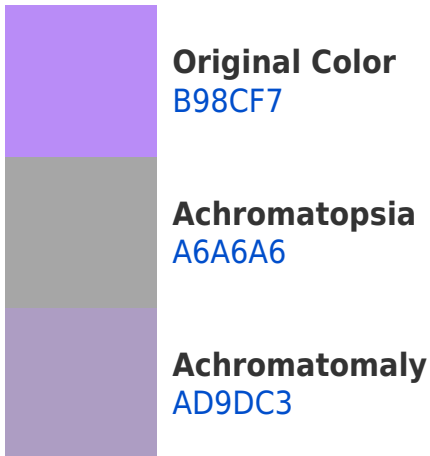


Tritanopia
AB9DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B98CF7 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 #B98CF7 looks like.

```
.text, #text, p{  
    color:#B98CF7  
}
```

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 #B98CF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B98CF7
}
```

Border

The CSS property to change the border of an element to Hex B98CF7 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
#B98CF7 }
```

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

```
.border{ border-color:#B98CF7 }
```

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

Here you see how a box with a 4 pixel #B98CF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B98CF7; -webkit-box-shadow:4px 4px  
4px 4px #B98CF7; box-shadow:4px 4px 4px  
4px #B98CF7 }
```

Background

The CSS property to change the background color of an element to Hex B98CF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B98CF7 }
```

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

```
.background{ background-color:#B98CF7 }
```

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