

Converting Colors

Hex(CB98FF)

Have a look what the booklet for
Hex(CB98FF) contains.

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Color

Hex(CB98FF)

Conversions

Conversions Part 1

Format	Color
Hex	CB98FF
RGB	203, 152, 255
RGB Percent	80%, 60%, 100%
CMY	0.2039, 0.4039, 0.0000
CMYK	0.20, 0.40, 0.00, 0.00
HSL	270°, 100%, 80%
HSV	270°, 40%, 100%
XYZ	53.9068, 42.3730, 99.9453
YIQ	178.9910, -2.6670, 42.8450

Conversions

Conversions Part 2

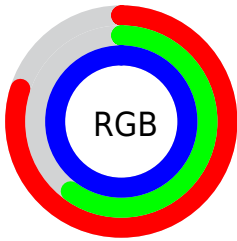
Format	Color
RYB	203, 152, 255
Decimal	13342975
CIELab	71.13, 38.33, -44.15
CIElCh	71, 58.467, 310.962
Yxy	42.3730, 0.2747, 0.2159
Android (android.graphics.Color)	4291533055 (0xFFCB98FF)
YUV	178.9910, 37.4724, 21.0559
Hunter-Lab	65.0945, 33.9061, -45.4670

Details

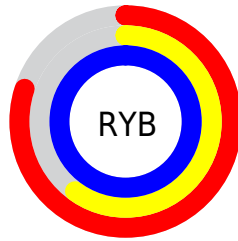
The Hex color **CB98FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **CCFF98**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFCFFF**, and **9364C6** is the 20% darker color. If you saturate the color by 10%, you get **BE7FFF**, and if you desaturate by 10%, it is **D8B2FF**.

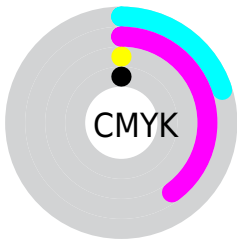
Distribution



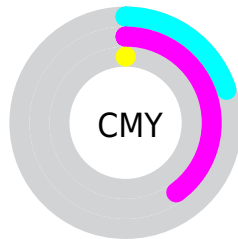
- Red (80%)
- Green (60%)
- Blue (100%)



- Red (80%)
- Yellow (60%)
- Blue (100%)



- Cyan (20%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB98FF 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 CB98FF by changing the saturation by 10% instead.

 CB98FF

 CB98FF

FFFFFF

 AF7EE2

 FFCFFF

 9364C6


 FFE8FF

 784BAA

 5D338F

 431B75

 28025C

 110044

 00032D

 000117

 CB98FF

 CB98FF

 BE7FFF

 D8B2FF

 B165FF

 E5CBFF

 A44CFF

 F2E5FF

 9832FF

 FEFEFF

 8B18FF

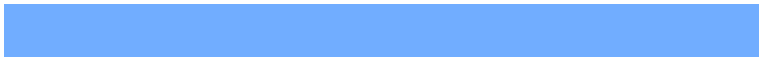
 FFFFFFFF

 7E00FF

Harmonies

Analogous

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



71ADFF



CB98FF



FE85D2

Triad

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



CB98FF



E89F47



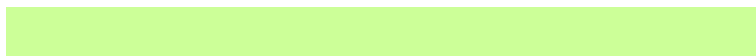
00C9C1

Complementary

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



CB98FF



CCFF98

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.



10C689



CB98FF



B9B23F

Square

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



CB98FF



FF8B6B



7FBF5A



00C6F3

Rectangle

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



CB98FF



FF7FAF



7FBF5A



00C8AE

Sweetspot

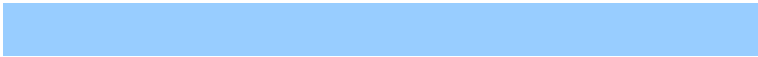
The Sweet Spot groups the original color and five complimentary colors.



CB98FF



F0E0FF



98CDFF



766E80



000000



808080

Same Dimension

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



CB98FF



C185FF



FD98FF



797380



5F00BF



200040

Inverse Universe

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



FF98CC



FF85C2



9AFF98



807379



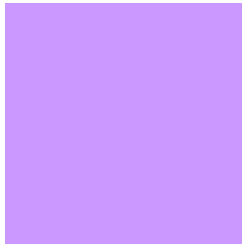
BF0061



400020

Previews

White Background



This preview shows how the Hex color CB98FF looks on a white background.

Color Contrast Check

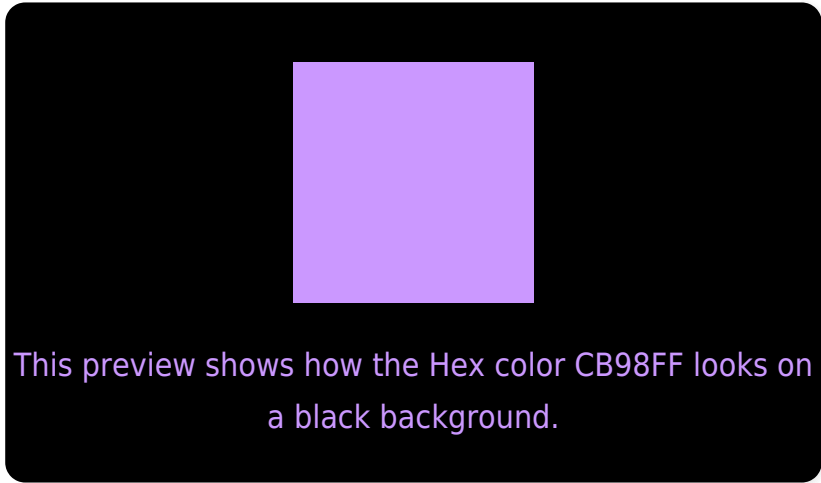
Large Text (above 18pt) WCAG AA × Fail

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 CB98FF Background



This preview shows how black text looks on a background with the Hex color CB98FF.



This preview shows how white text looks on a background with the Hex color CB98FF.

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](#).

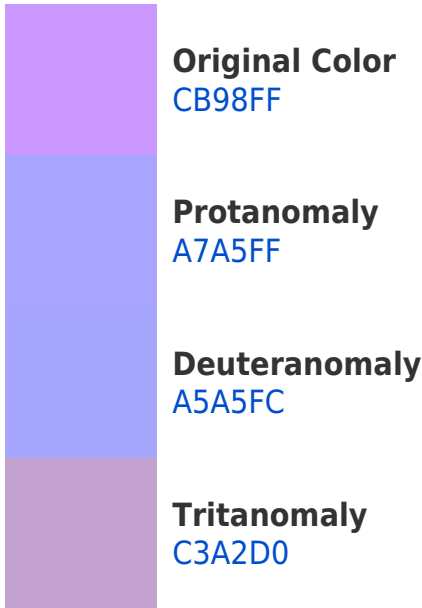
Dichromacy



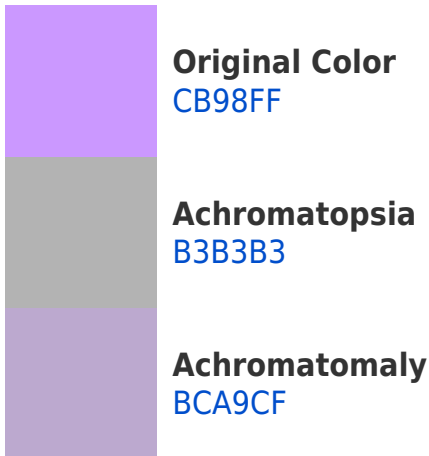


Tritanopia
BEA8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB98FF 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 #CB98FF looks like.

```
.text, #text, p{  
    color:#CB98FF  
}
```

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 #CB98FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB98FF
}
```

Border

The CSS property to change the border of an element to Hex CB98FF 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
#CB98FF }
```

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

```
.border{ border-color:#CB98FF }
```

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

Here you see how a box with a 4 pixel #CB98FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB98FF; -webkit-box-shadow:4px 4px  
4px 4px #CB98FF; box-shadow:4px 4px 4px  
4px #CB98FF }
```

Background

The CSS property to change the background color of an element to Hex CB98FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB98FF }
```

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

```
.background{ background-color:#CB98FF }
```

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](#).

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