

Converting Colors

Hex(CBB3FF)

Have a look what the booklet for
Hex(CBB3FF) contains.

Hex(CBB3FF)	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(CBB3FF)

Conversions

Conversions Part 1

Format	Color
Hex	CBB3FF
RGB	203, 179, 255
RGB Percent	80%, 70%, 100%
CMY	0.2039, 0.2980, 0.0000
CMYK	0.20, 0.30, 0.00, 0.00
HSL	259°, 100%, 85%
HSV	259°, 30%, 100%
XYZ	58.7987, 52.1567, 101.5760
YIQ	194.8400, -10.0920, 28.7240

Conversions

Conversions Part 2

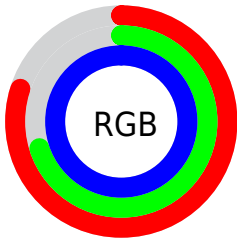
Format	Color
R _Y B	203, 179, 255
Decimal	13349887
CIE Lab	77.37, 23.56, -34.43
CIE LCh	77, 41.721, 304.382
Yxy	52.1567, 0.2767, 0.2454
Android (android.graphics.Color)	4291539967 (0xFFCBB3FF)
YUV	194.8400, 29.6589, 7.1563
Hunter-Lab	72.2196, 18.9442, -32.8369

Details

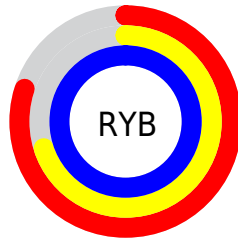
The Hex color **CBB3FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E7FFB3**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFEBFF**, and **947EC6** is the 20% darker color. If you saturate the color by 10%, you get **BA99FF**, and if you desaturate by 10%, it is **DCCCFF**.

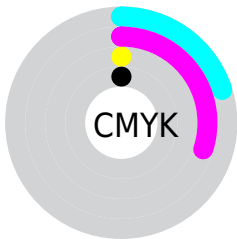
Distribution



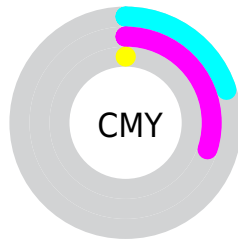
- Red (80%)
- Green (70%)
- Blue (100%)



- Red (80%)
- Yellow (70%)
- Blue (100%)



- Cyan (20%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBB3FF 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 CBB3FF by changing the saturation by 10% instead.

 CBB3FF

 CBB3FF

FFFFFF

 AF98E2

 FFE8FF

 947EC6

 7965AB

 5F4D90

 463676

 2D205D

 130C45

 00002E

 000118

 CBB3FF

 CBB3FF

 BA99FF

 DCCCCF

 A880FF

 EEE6FF

 9766FF

 FFFFFFF

 854DFF

 7433FF

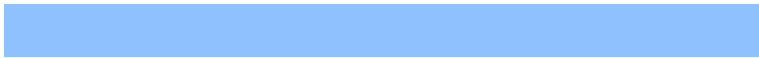
 621AFF

 5100FF

Harmonies

Analogous

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



90C1FF



CBB3FF



F5A6E1

Triad

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



CBB3FF



F4B17A



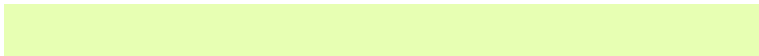
43D4C4

Complementary

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



CBB3FF



E7FFB3

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.



7BD19C



CBB3FF



D3BF71

Square

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



CBB3FF



FFA595



AACA7E



00D2EA

Rectangle

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



CBB3FF



FFA2C8



AACA7E



57D3B6

Sweetspot

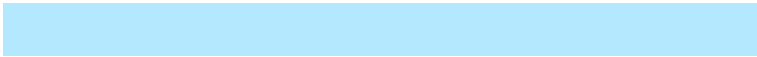
The Sweet Spot groups the original color and five complimentary colors.



CBB3FF



EFE8FF



B3E8FF



767180



000000



808080

Same Dimension

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



CBB3FF



C0A3FF



F0B3FF



777380



3C00BF



140040

Inverse Universe

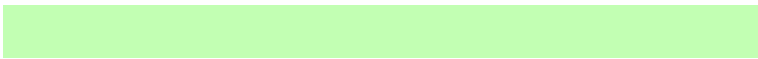
The Inverse Universe completely reimagines the original color for something new.



FFB3E7



FFA3E2



C2FFB3



80737B



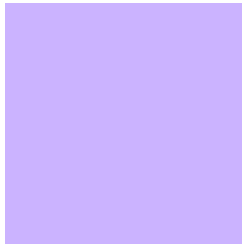
BF0083



40002C

Previews

White Background



This preview shows how the Hex color CBB3FF looks on a white background.

Color Contrast Check

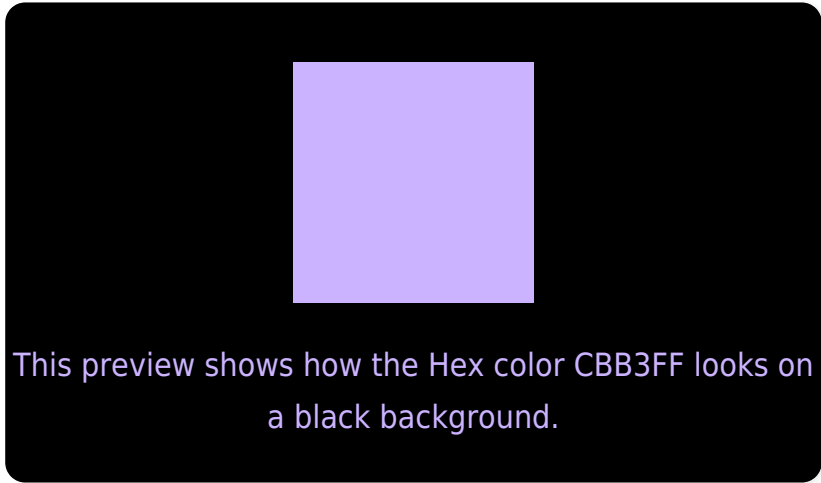
Large Text (above 18pt) WCAG AA × Fail

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

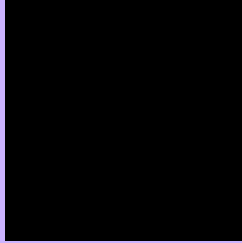
Any Text WCAG AA ✓ Pass

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 CBB3FF Background



This preview shows how black text looks on a background with the Hex color CBB3FF.



This preview shows how white text looks on a background with the Hex color CBB3FF.

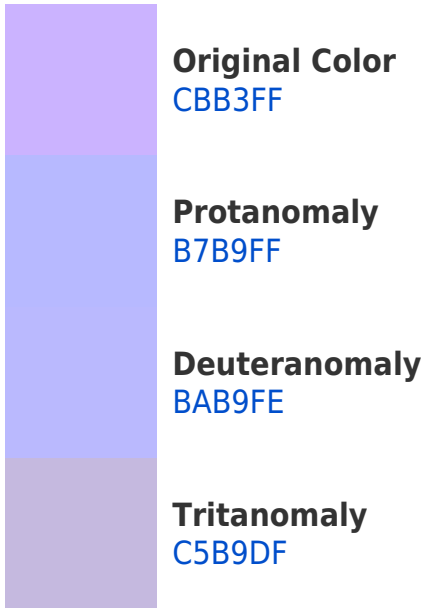
Color Blindness Simulation

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](#).

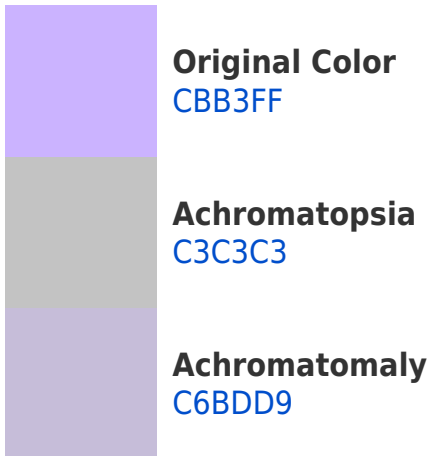
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBB3FF 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 #CBB3FF looks like.

```
.text, #text, p{  
    color:#CBB3FF  
}
```

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 #CBB3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBB3FF }  
}
```

Border

The CSS property to change the border of an element to Hex CBB3FF 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 #CBB3FF }  
}
```

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

```
.border{ border-color:#CBB3FF }
```

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

Here you see how a box with a 4 pixel #CBB3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBB3FF; -webkit-box-shadow:4px 4px  
4px 4px #CBB3FF; box-shadow:4px 4px 4px  
4px #CBB3FF }
```

Background

The CSS property to change the background color of an element to Hex CBB3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBB3FF }
```

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

```
.background{ background-color:#CBB3FF }
```

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