

Converting Colors

Hex(CCABFF)

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

Hex(CCABFF)	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(CCABFF)

Conversions

Conversions Part 1

Format	Color
Hex	CCABFF
RGB	204, 171, 255
RGB Percent	80%, 67%, 100%
CMY	0.2000, 0.3294, 0.0000
CMYK	0.20, 0.33, 0.00, 0.00
HSL	264°, 100%, 84%
HSV	264°, 33%, 100%
XYZ	57.5147, 49.1832, 101.0697
YIQ	190.4430, -7.2960, 33.1200

Conversions

Conversions Part 2

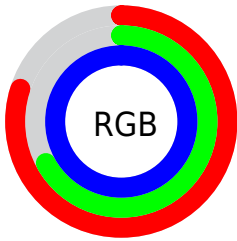
Format	Color
RYB	204, 171, 255
Decimal	13413375
CIELab	75.57, 28.23, -37.23
CIELCh	76, 46.722, 307.179
Yxy	49.1832, 0.2768, 0.2367
Android (android.graphics.Color)	4291603455 (0xFFCCABFF)
YUV	190.4430, 31.8266, 11.8895
Hunter-Lab	70.1307, 23.6605, -36.3549

Details

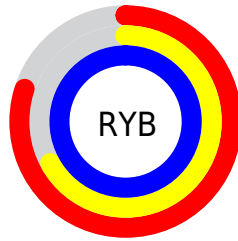
The Hex color **CCABFF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **DEFFAB**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFE3FF**, and **9576C6** is the 20% darker color. If you saturate the color by 10%, you get **BD92FF**, and if you desaturate by 10%, it is **DBC4FF**.

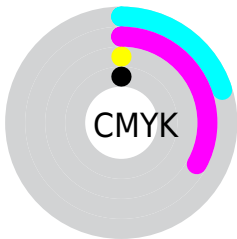
Distribution



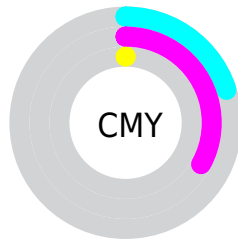
- Red (80%)
- Green (67%)
- Blue (100%)



- Red (80%)
- Yellow (67%)
- Blue (100%)



- Cyan (20%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 CCABFF

 CCABFF

FFFFFF

 B090E2

 FFE3FF

 9576C6

 7A5DAA

 604590

 462E76

 2D195D

 130345

 00002E

 000118

 CCABFF

 CCABFF

 BD92FF

 DBC4FF

 AD78FF

 EBDEFF

 9E5FFF

 FAF8FF

 8E45FF

 FFFFFFFF

 7F2CFF

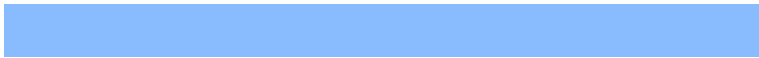
 6F12FF

 6400FF

Harmonies

Analogous

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



89BBFF



CCABFF



F89DDD

Triad

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



CCABFF



F0AC6B



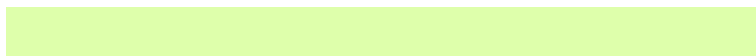
00D1C3

Complementary

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



CCABFF



DEFFAB

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.



65CE97



CCABFF



CBBB63

Square

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



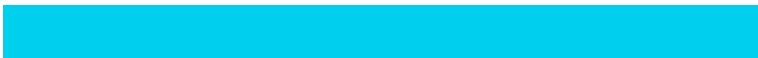
CCABFF



FF9E88



9DC774



00CFED

Rectangle

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



CCABFF



FF98C0



9DC774



2ED0B4

Sweetspot

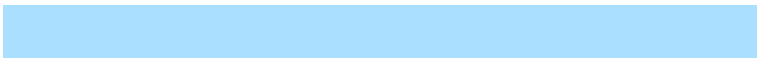
The Sweet Spot groups the original color and five complimentary colors.



CCABFF



F0E6FF



ABDFFF



767080



000000



808080

Same Dimension

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



CCABFF



C199FF



F5ABFF



787380



4B00BF



190040

Inverse Universe

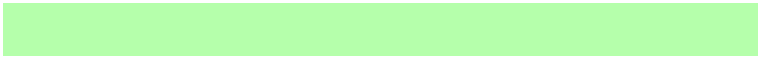
The Inverse Universe completely reimagines the original color for something new.



FFABDE



FF99D7



B5FFAB



80737A



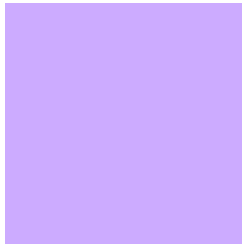
BF0074



400027

Previews

White Background



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

Color Contrast Check

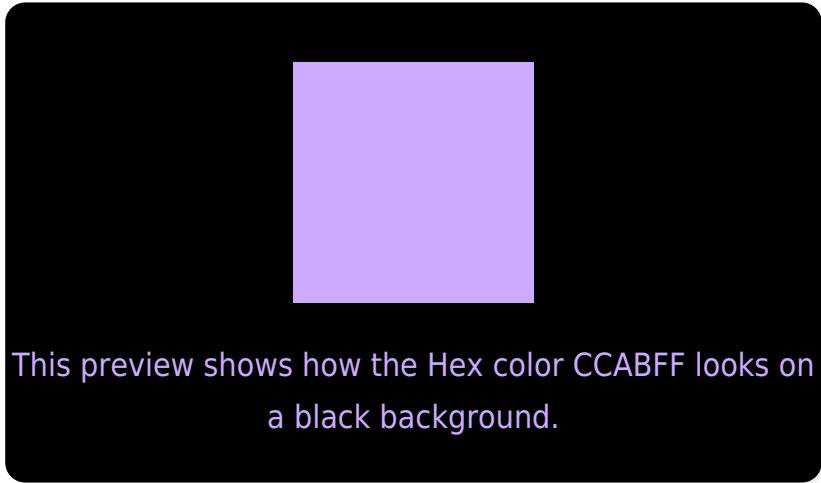
Large Text (above 18pt) WCAG AA × Fail

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

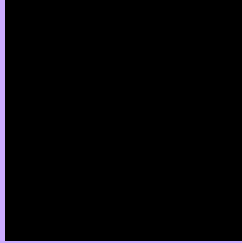
Any Text WCAG AA ✓ Pass

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 CCABFF Background



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

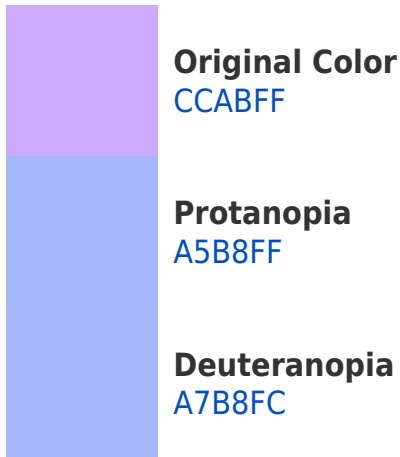


This preview shows how white text looks on a background with the Hex color CCABFF.

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
C2B7C5

Trichromacy



Original Color
CCABFF

Protanomaly
B3B3FF

Deuteranomaly
B4B3FD

Tritanomaly
C6B3DA

Monochromacy



Original Color
CCABFF

Achromatopsia
BEBEBE

Achromatomaly
C3B7D6

CSS Examples

Text

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

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

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 #CCABFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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