

Converting Colors

Hex(CBC7FE)

Have a look what the booklet for
Hex(CBC7FE) contains.

Hex(CBC7FE)	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(CBC7FE)

Conversions

Conversions Part 1

Format	Color
Hex	CBC7FE
RGB	203, 199, 254
RGB Percent	80%, 78%, 100%
CMY	0.2039, 0.2196, 0.0039
CMYK	0.20, 0.22, 0.00, 0.00
HSL	244°, 96%, 89%
HSV	244°, 22%, 100%
XYZ	62.9414, 60.6991, 102.1647
YIQ	206.4660, -15.2710, 17.9530

Conversions

Conversions Part 2

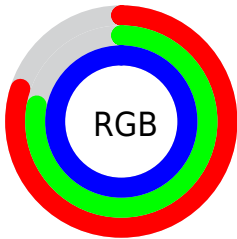
Format	Color
R _Y B	203, 199, 254
Decimal	13355006
CIE Lab	82.22, 12.47, -26.46
CIE LCh	82, 29.250, 295.229
Yxy	60.6991, 0.2787, 0.2688
Android (android.graphics.Color)	4291545086 (0xFFCBC7FE)
YUV	206.4660, 23.4343, -3.0397
Hunter-Lab	77.9096, 7.8642, -23.2116

Details

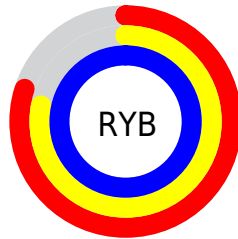
The Hex color **CBC7FE** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FAFEC7**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFFFF**, and **9491C5** is the 20% darker color. If you saturate the color by 10%, you get **B3AEFE**, and if you desaturate by 10%, it is **E3E0FE**.

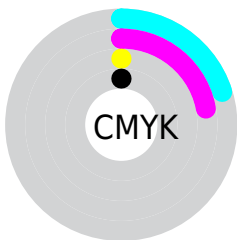
Distribution



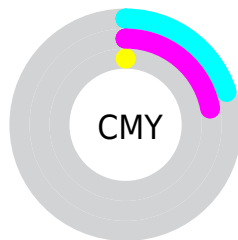
- Red (80%)
- Green (78%)
- Blue (100%)



- Red (80%)
- Yellow (78%)
- Blue (100%)



- Cyan (20%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBC7FE 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 CBC7FE by changing the saturation by 10% instead.

■ CBC7FE

FFFFFF

■ CBC7FE

■ AFACE1

■ 9491C5

■ 7A78AA

■ 605F8F

■ 474775

■ 2F315D

■ 171C45

■ 02022E

■ 000119

 CBC7FE

 CBC7FE

 B3AEFE

 E3E0FE

 9C94FE

 FAFAFE

 847BFE

FFFFFFE

 6D61FE

 5548FE

 3E2FFE

 2615FE

 1200FE

Harmonies

Analogous

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



A5D0FF



CBC7FE



ECBEEC

Triad

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



CBC7FE



FAC0A0



8CDCC7

Complementary

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



CBC7FE



FAFEC7

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.



A9D8AC



CBC7FE



E5C996

Square

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



CBC7FE



FFBAB6



C8D29A



7BDBE3

Rectangle

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



CBC7FE



FBBADB



C8D29A



95DBBE

Sweetspot

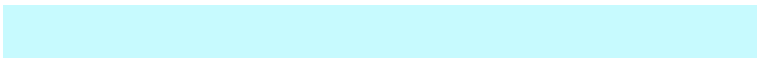
The Sweet Spot groups the original color and five complimentary colors.



CBC7FE



F1F0FF



C7FAFE



777780



000000



808080

Same Dimension

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



CBC7FE



C2BDFF



E6C7FE



747380



0E00BF



050040

Inverse Universe

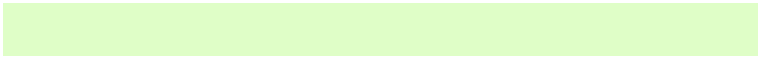
The Inverse Universe completely reimagines the original color for something new.



FEC7FA



FFBDFA



DFEFC7



80737F



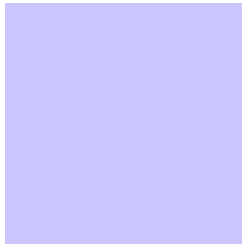
BF00B1



40003B

Previews

White Background



This preview shows how the Hex color CBC7FE looks on a white background.

Color Contrast Check

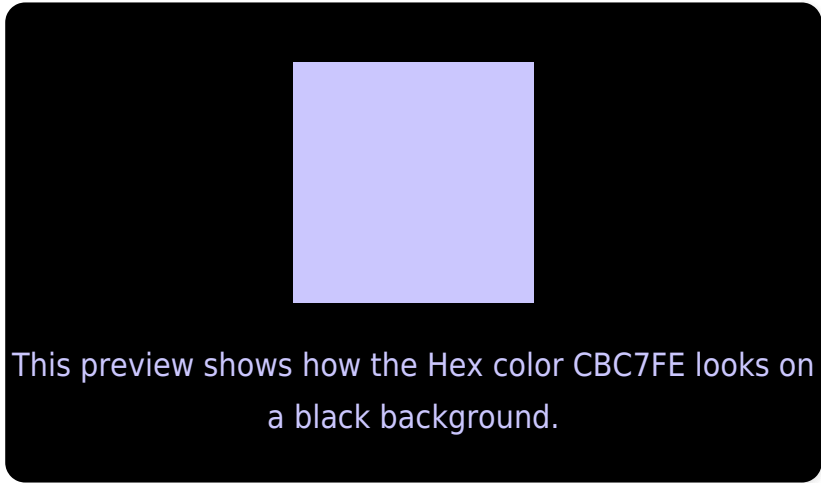
Large Text (above 18pt) WCAG AA × Fail

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

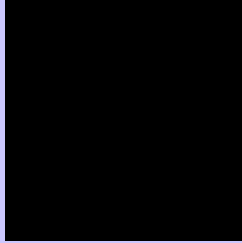
Any Text WCAG AA ✓ Pass

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 CBC7FE Background



This preview shows how black text looks on a background with the Hex color CBC7FE.

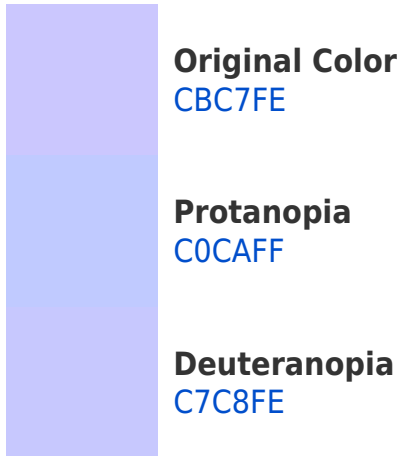


This preview shows how white text looks on a background with the Hex color CBC7FE.

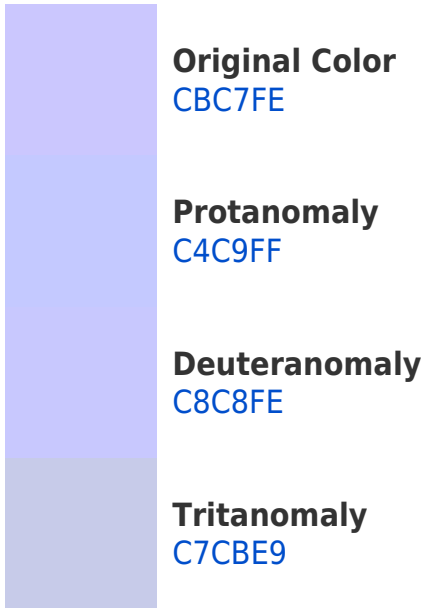
Color Blindness Simulation

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](#).

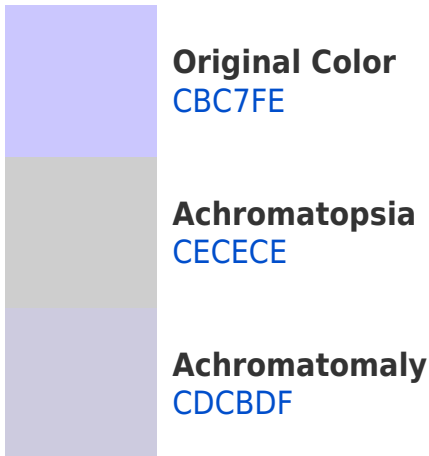
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBC7FE 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 #CBC7FE looks like.

```
.text, #text, p{  
    color:#CBC7FE  
}
```

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 #CBC7FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBC7FE
}
```

Border

The CSS property to change the border of an element to Hex CBC7FE 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
#CBC7FE }
```

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

```
.border{ border-color:#CBC7FE }
```

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

Here you see how a box with a 4 pixel #CBC7FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBC7FE; -webkit-box-shadow:4px 4px  
4px 4px #CBC7FE; box-shadow:4px 4px 4px  
4px #CBC7FE }
```

Background

The CSS property to change the background color of an element to Hex CBC7FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBC7FE }
```

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

```
.background{ background-color:#CBC7FE }
```

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