

Converting Colors

Hex(CB7FE3)

Have a look what the booklet for
Hex(CB7FE3) contains.

Hex(CB7FE3)	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(CB7FE3)

Conversions

Conversions Part 1

Format	Color
Hex	CB7FE3
RGB	203, 127, 227
RGB Percent	80%, 50%, 89%
CMY	0.2039, 0.5020, 0.1098
CMYK	0.11, 0.44, 0.00, 0.11
HSL	286°, 64%, 69%
HSV	286°, 44%, 89%
XYZ	46.0831, 33.4213, 76.6952
YIQ	161.1240, 13.1960, 47.2120

Conversions

Conversions Part 2

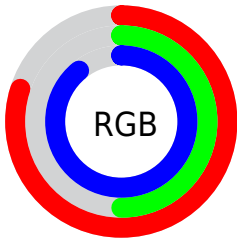
Format	Color
R _Y B	203, 127, 227
Decimal	13336547
CIE Lab	64.50, 45.81, -39.16
CIE LCh	65, 60.268, 319.480
Yxy	33.4213, 0.2950, 0.2140
Android (android.graphics.Color)	4291526627 (0xFFCB7FE3)
YUV	161.1240, 32.4769, 36.7253
Hunter-Lab	57.8112, 41.1184, -38.1892

Details

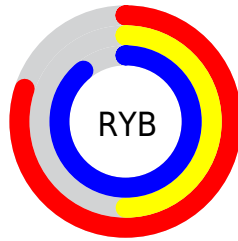
The Hex color **CB7FE3** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **97E37F**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFB5FF**, and **934BAB** is the 20% darker color. If you saturate the color by 10%, you get **C668E3**, and if you desaturate by 10%, it is **D096E3**.

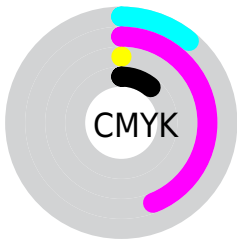
Distribution



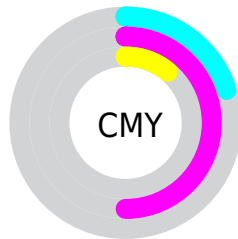
- Red (80%)
- Green (50%)
- Blue (89%)



- Red (80%)
- Yellow (50%)
- Blue (89%)



- Cyan (11%)
- Magenta (44%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (50%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB7FE3 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 CB7FE3 by changing the saturation by 10% instead.

 CB7FE3

FFFFFF

 FFB5FF

 FFD2FF

 FFEEFF

 CB7FE3

 AF65C7

 934BAB

 783290

 5D1676

 43005D

 2B0045

 0F002E

 000118

 000000

 CB7FE3

 CB7FE3

 C668E3

 D096E3

 C052E3

 D6ACE3

 BB3BE3

 DBC3E3

 B524E3

 E1DAE3

 B00EE3

 E6F1E3

 AD00E3

 ECFFE3

 F1FFE3

 F7FFE3

 FCFFE3

Harmonies

Analogous

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



7B96FF



CB7FE3



F56DB2

Triad

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



CB7FE3



C9932A



00B6BF

Complementary

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



CB7FE3



97E37F

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.



00B587



CB7FE3



97A42D

Square

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



CB7FE3



ED7E4C



56AF53



00B2ED

Rectangle

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



CB7FE3



FE6A8D



56AF53



00B6AC

Sweetspot

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



CB7FE3



F7DEFF



7F98E3



7B6B80



000000



808080

Same Dimension

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



CB7FE3



DF78FF



E37FCA



706773



8800B3



270033

Inverse Universe

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



E37F97



FF7898



7FE398



73676A



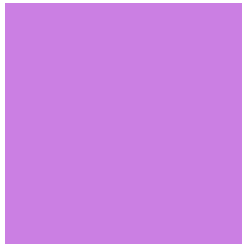
B3002B



33000C

Previews

White Background



This preview shows how the Hex color CB7FE3 looks on a white background.

Color Contrast Check

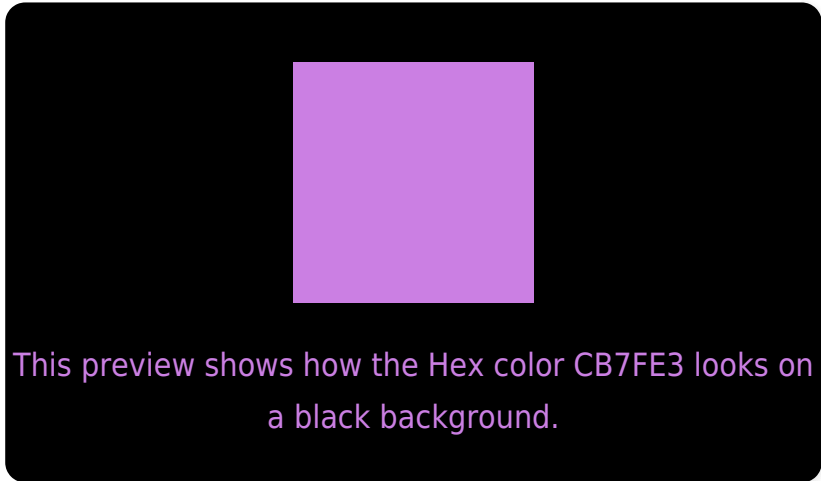
Large Text (above 18pt) WCAG AA × Fail

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

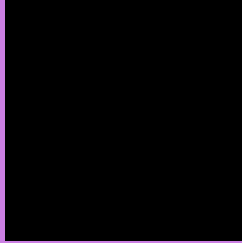
Any Text WCAG AA ✓ Pass

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 CB7FE3 Background



This preview shows how black text looks on a background with the Hex color CB7FE3.

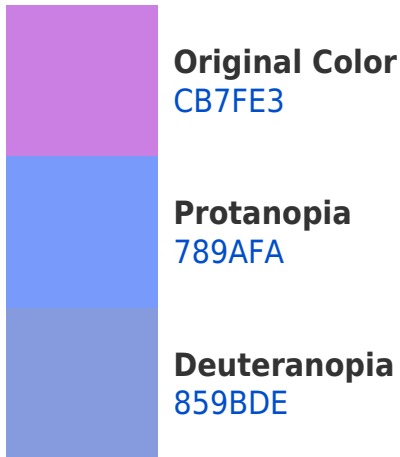


This preview shows how white text looks on a background with the Hex color CB7FE3.

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](#).

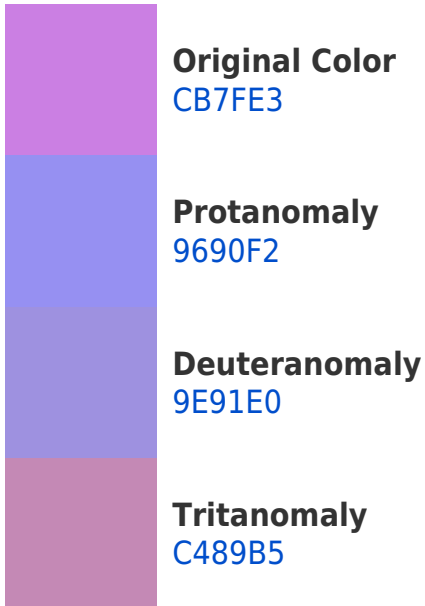
Dichromacy



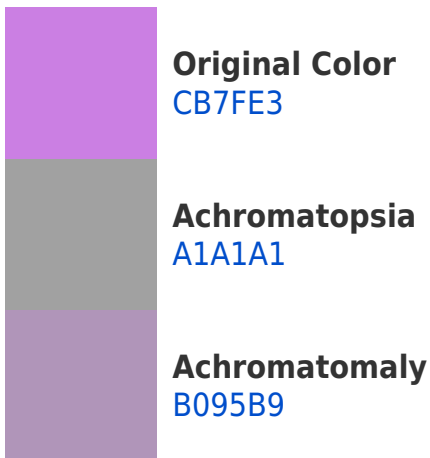


Tritanopia
C08F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB7FE3 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 #CB7FE3 looks like.

```
.text, #text, p{  
    color:#CB7FE3  
}
```

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 #CB7FE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB7FE3
}
```

Border

The CSS property to change the border of an element to Hex CB7FE3 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
#CB7FE3 }
```

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

```
.border{ border-color:#CB7FE3 }
```

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

Here you see how a box with a 4 pixel #CB7FE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB7FE3; -webkit-box-shadow:4px 4px  
4px 4px #CB7FE3; box-shadow:4px 4px 4px  
4px #CB7FE3 }
```

Background

The CSS property to change the background color of an element to Hex CB7FE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB7FE3 }
```

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

```
.background{ background-color:#CB7FE3 }
```

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