

# Converting Colors

Hex(C783FE)

Have a look what the booklet for  
Hex(C783FE) contains.

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# Color

**Hex(C783FE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C783FE
RGB	199, 131, 254
RGB Percent	78%, 51%, 100%
CMY	0.2196, 0.4863, 0.0039
CMYK	0.22, 0.48, 0.00, 0.00
HSL	273°, 98%, 75%
HSV	273°, 48%, 100%
XYZ	49.5589, 35.5305, 98.0120
YIQ	165.3540, 1.0450, 52.6690

# Conversions

## Conversions Part 2

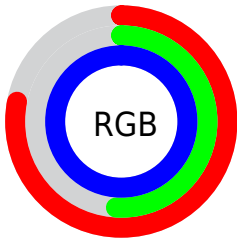
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">199, 131, 254</a>
Decimal	<a href="#">13075454</a>
CIELab	<a href="#">66.16, 48.30, -51.45</a>
CIElCh	<a href="#">66, 70.573, 313.189</a>
Yxy	<a href="#">35.5305, 0.2707, 0.1940</a>
Android (android.graphics.Color)	<a href="#">4291265534</a> (0xFFC783FE)
YUV	<a href="#">165.3540, 43.7025, 29.5075</a>
Hunter-Lab	<a href="#">59.6074, 44.0956, -55.7648</a>

# Details

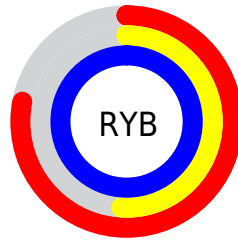
The Hex color **C783FE** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **BAFE83**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFBAFF**, and **8E4FC5** is the 20% darker color. If you saturate the color by 10%, you get **BC6AFE**, and if you desaturate by 10%, it is **D29CFE**.

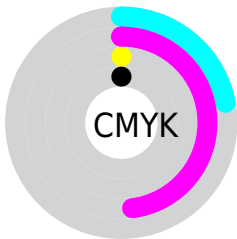
# Distribution



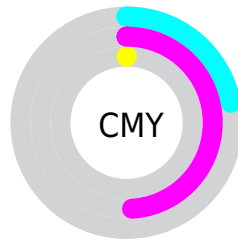
- Red (78%)
- Green (51%)
- Blue (100%)



- Red (78%)
- Yellow (51%)
- Blue (100%)



- Cyan (22%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (49%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C783FE 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 C783FE by changing the saturation by 10% instead.



 C783FE

 C783FE

FFFFFF

 AA69E1

 FFBAFF

 8E4FC5

 FFD6FF

 7336A9

 FFF3FF

 571B8E

 3C0074

 1F005B

 000042

 00032B

 000115

 C783FE

 C783FE

 BC6AFE

 D29CFE

 B050FE

 DEB6FE

 A537FE

 E9CFFE

 9A1DFE

 F4E9FE

 8E04FE

FFFFFFE

 8C00FE

# Harmonies

## Analogous

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



4C9FFF



C783FE



FF68C7

# Triad

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



C783FE



DD9117



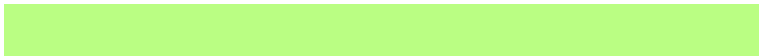
00BEBC

# Complementary

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



C783FE



BAFE83

# 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.



00BC7A



C783FE



A6A700

# Square

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



C783FE



FF754C



5DB53C



00BCF6

# Rectangle

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



C783FE



FF609D



5DB53C



00BEA6



# Sweetspot

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



C783FE



EED9FF



83BAFE



756980



000000



808080



# Same Dimension

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



C783FE



BD6BFF



FE83F8



7A7380



6A00BF



230040



# Inverse Universe

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



FE83BA



FF6BAD



83FE89



807378



BF0056

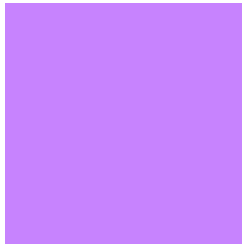


40001D



# Previews

## White Background



This preview shows how the Hex color C783FE looks on a white background.

## Color Contrast Check

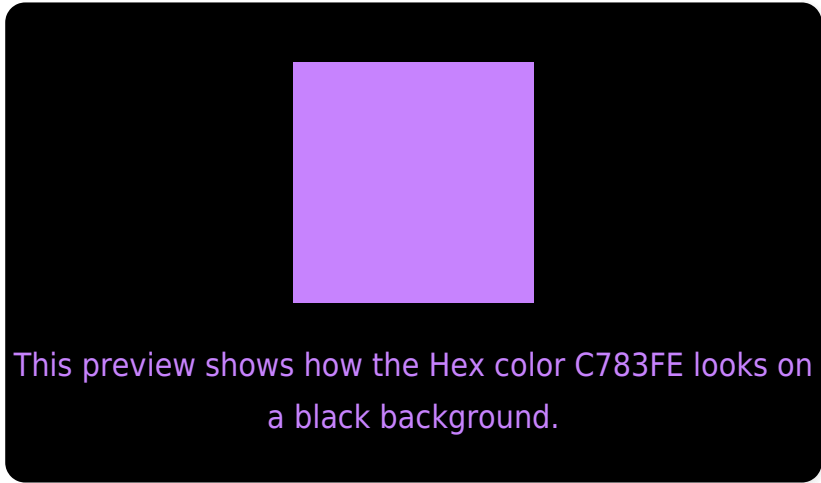
Large Text (above 18pt) WCAG AA × Fail

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

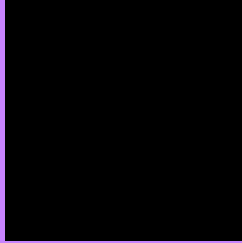
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C783FE Background



This preview shows how black text looks on a background with the Hex color C783FE.

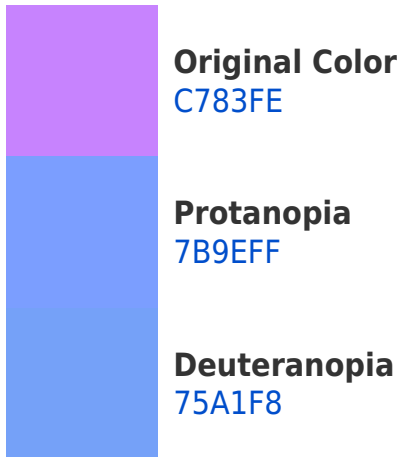


This preview shows how white text looks on a background with the Hex color C783FE.

# 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](#).

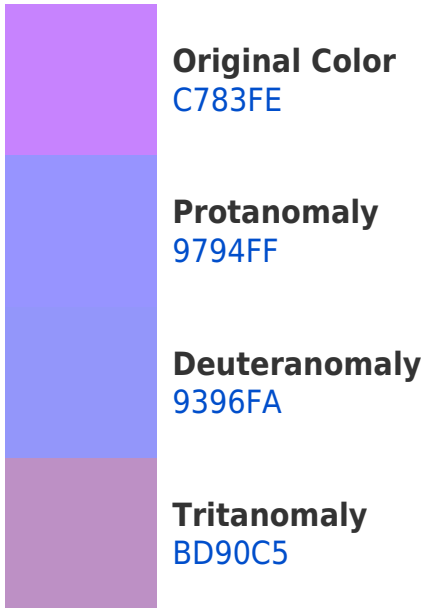
## Dichromacy



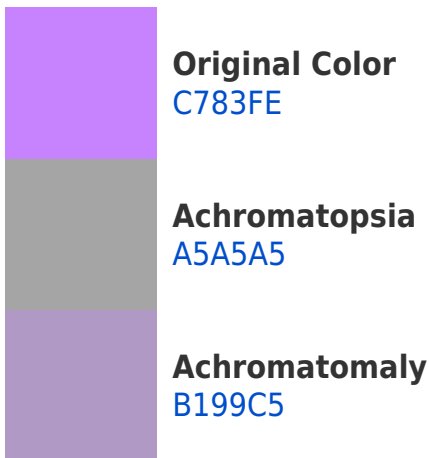


**Tritanopia**  
B898A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C783FE 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 #C783FE looks like.

```
.text, #text, p{  
    color:#C783FE  
}
```

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 #C783FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C783FE
}
```

## Border

The CSS property to change the border of an element to Hex C783FE is called "border". The border property can be set on classes, ids or directly on the HTML element.

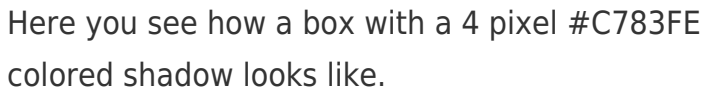
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C783FE }
```

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

```
.border{ border-color:#C783FE }
```

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



Here you see how a box with a 4 pixel `#C783FE` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C783FE; -webkit-box-shadow:4px 4px  
4px 4px #C783FE; box-shadow:4px 4px 4px  
4px #C783FE }
```

# Background

The CSS property to change the background color of an element to Hex C783FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C783FE }
```

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

```
.background{ background-color:#C783FE }
```

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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