

# Converting Colors

Hex(C7D0F7)

Have a look what the booklet for  
Hex(C7D0F7) contains.

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# **Color**

**Hex(C7D0F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7D0F7
RGB	199, 208, 247
RGB Percent	78%, 82%, 97%
CMY	0.2196, 0.1843, 0.0314
CMYK	0.19, 0.16, 0.00, 0.03
HSL	229°, 75%, 87%
HSV	229°, 19%, 97%
XYZ	62.8976, 63.9693, 97.0279
YIQ	209.7550, -17.8830, 10.2210

# Conversions

## Conversions Part 2

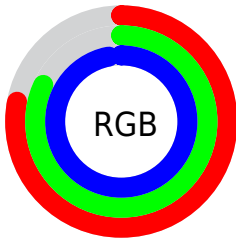
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 207, 247
Decimal	13095159
CIE <sub>Lab</sub>	83.95, 4.90, -20.13
CIE <sub>LCh</sub>	84, 20.720, 283.669
Yxy	63.9693, 0.2809, 0.2857
Android (android.graphics.Color)	4291285239 (0xFFC7D0F7)
YUV	209.7550, 18.3618, -9.4321
Hunter-Lab	79.9808, 0.4075, -15.9405

# Details

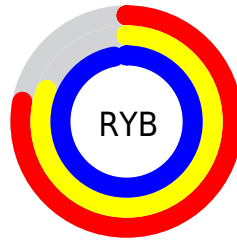
The Hex color **C7D0F7** is a light color, and the websafe version is hex **CCCCCCF7**. A complement of this color would be **F7EEC7**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFFFF**, and **919ABF** is the 20% darker color. If you saturate the color by 10%, you get **AEBCF7**, and if you desaturate by 10%, it is **E0E4F7**.

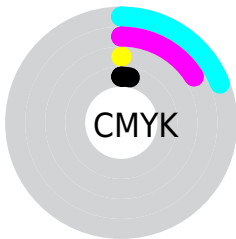
# Distribution



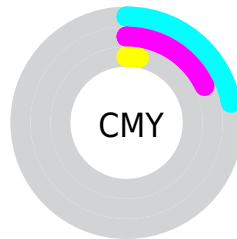
- Red (78%)
- Green (82%)
- Blue (97%)



- Red (78%)
- Yellow (81%)
- Blue (97%)



- Cyan (19%)
- Magenta (16%)
- Yellow (0%)
- Black (3%)



- Cyan (22%)
- Magenta (18%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7D0F7 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 C7D0F7 by changing the saturation by 10% instead.



■ C7D0F7

FFFFFF

■ C7D0F7

■ ABB4DA

■ 919ABF

■ 7680A3

■ 5D6789

■ 454F70

■ 2D3857

■ 152340

■ 000D2A

■ 000114

 C7D0F7

 C7D0F7

 AEBCF7

 E0E4F7

 96A8F7

 F8F8F7

 7D94F7


 FFFFF7

 6480F7

 4B6CF7

 3358F7

 1A44F7

 012FF7

 002EF7

# Harmonies

## Analogous

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



AFD6F6



C7D0F7



E0C9EE

# Triad

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



C7D0F7



F7C7B7



ACDCC6

# Complementary

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



C7D0F7



F7EEC7

# 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.



C1D8B5



C7D0F7



EBCCAC

# Square

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



C7D0F7



FAC4C9



D7D3AB



9FDDDA

# Rectangle

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



C7D0F7



EDC6E3



D7D3AB



B3DBBF



# Sweetspot

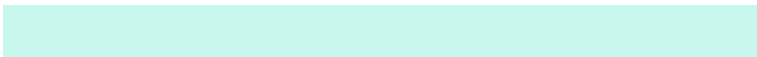
The Sweet Spot groups the original color and five complimentary colors.



C7D0F7



F0F3FF



C7F7ED



777880



000000



808080



# Same Dimension

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



C7D0F7



C4CFFF



D5C7F7



6E707A



0023BA



000B3B



# Inverse Universe

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



F7C7D0



FFC4CF



E9F7C7



7A6E70



BA0023

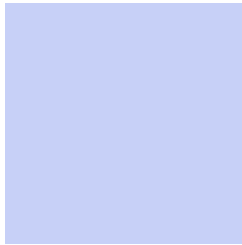


3B000B



# Previews

## White Background



This preview shows how the Hex color C7D0F7 looks on a white background.

## Color Contrast Check

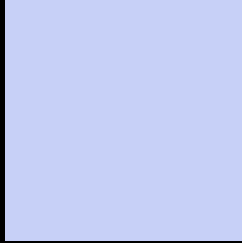
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color C7D0F7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

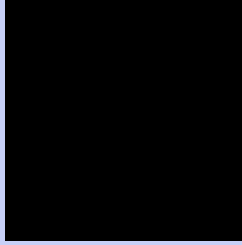
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C7D0F7 Background



This preview shows how black text looks on a background with the Hex color C7D0F7.



This preview shows how white text looks on a background with the Hex color C7D0F7.

# 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



**Original Color**  
C7D0F7

**Protanopia**  
C9CFF7

**Deuteranopia**  
D3CCF8



**Tritanopia**  
C3D3E4

# Trichromacy



**Original Color**  
C7D0F7

**Protanomaly**  
C8CFF7

**Deuteranomaly**  
CFCDF8

**Tritanomaly**  
C4D2EB

# Monochromacy



**Original Color**  
C7D0F7

**Achromatopsia**  
D2D2D2

**Achromatomaly**  
CED1DF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7D0F7 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 #C7D0F7 looks like.

```
.text, #text, p{  
    color:#C7D0F7  
}
```

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 #C7D0F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7D0F7
}
```

## Border

The CSS property to change the border of an element to Hex C7D0F7 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
#C7D0F7 }
```

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

```
.border{ border-color:#C7D0F7 }
```

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

Here you see how a box with a 4 pixel #C7D0F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7D0F7; -webkit-box-shadow:4px 4px  
4px 4px #C7D0F7; box-shadow:4px 4px 4px  
4px #C7D0F7 }
```

# Background

The CSS property to change the background color of an element to Hex C7D0F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7D0F7 }
```

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

```
.background{ background-color:#C7D0F7 }
```

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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