

# Converting Colors

Hex(C9D2F0)

Have a look what the booklet for  
Hex(C9D2F0) contains.

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# **Color**

**Hex(C9D2F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9D2F0
RGB	201, 210, 240
RGB Percent	79%, 82%, 94%
CMY	0.2118, 0.1765, 0.0588
CMYK	0.16, 0.13, 0.00, 0.06
HSL	226°, 57%, 86%
HSV	226°, 16%, 94%
XYZ	62.8622, 64.8020, 91.6329
YIQ	210.7290, -14.9940, 7.4220

# Conversions

## Conversions Part 2

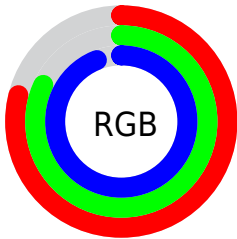
Format	Color
<a href="#">RYB</a>	<a href="#">201, 208, 240</a>
Decimal	<a href="#">13226736</a>
CIELab	<a href="#">84.38, 2.95, -15.75</a>
CIELCh	<a href="#">84, 16.028, 280.618</a>
Yxy	<a href="#">64.8020, 0.2867, 0.2955</a>
Android (android.graphics.Color)	<a href="#">4291416816</a> ( <a href="#">0xFFC9D2F0</a> )
YUV	<a href="#">210.7290, 14.4306, -8.5323</a>
Hunter-Lab	<a href="#">80.4997, -1.4838, -11.1401</a>

# Details

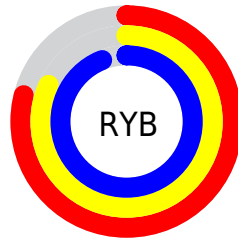
The Hex color **C9D2F0** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F0E7C9**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFFFF**, and **939CB8** is the 20% darker color. If you saturate the color by 10%, you get **B1C0F0**, and if you desaturate by 10%, it is **E1E4F0**.

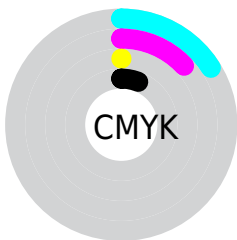
# Distribution



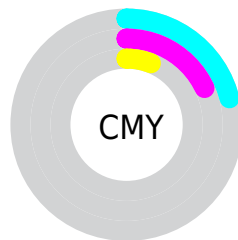
- Red (79%)
- Green (82%)
- Blue (94%)



- Red (79%)
- Yellow (82%)
- Blue (94%)



- Cyan (16%)
- Magenta (13%)
- Yellow (0%)
- Black (6%)



- Cyan (21%)
- Magenta (18%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9D2F0 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 C9D2F0 by changing the saturation by 10% instead.



■ C9D2F0

FFFFFF

■ C9D2F0

■ ADB6D4

■ 939CB8

■ 79829D

■ 606983

■ 47506A

■ 303A51

■ 1A243A

■ 030F25

■ 00010E

 C9D2F0

 C9D2F0

 B1C0F0

 E1E4F0


 99ADF0

 F9F7F0

 819BF0

 FFFFF0

 6988F0

 5176F0

 3963F0

 2151F0

 093EF0

 0037F0

# Harmonies

## Analogous

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



B7D7EF



C9D2F0



DCCDEA

# Triad

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



C9D2F0



F1CABF



B8DBC8

# Complementary

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



C9D2F0



F0E7C9

# 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.



C8D8BB



C9D2F0



E8CEB6

# Square

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



C9D2F0



F2C8CE



D9D3B5



ADDCD8

# Rectangle

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



C9D2F0



E7CAE2



D9D3B5



BDDAC3



# Sweetspot

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



C9D2F0



F2F5FF



C9F0E7



787A80



000000



808080



# Same Dimension

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



C9D2F0



CCD8FF



D3C9F0



6C6F78



002AB8



000D38



# Inverse Universe

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



F0C9D2



FFCCD8



E6F0C9



786C6F



B8002A

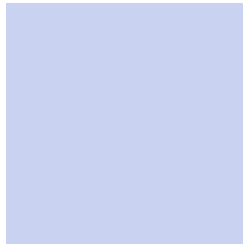


38000D



# Previews

## White Background



This preview shows how the Hex color C9D2F0 looks on a white background.

## Color Contrast Check

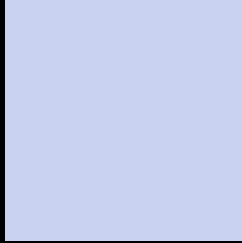
Large Text (above 18pt) WCAG AA × Fail

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 C9D2F0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

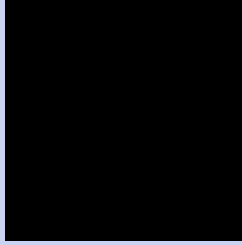
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

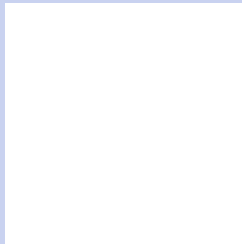
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C9D2F0 Background



This preview shows how black text looks on a background with the Hex color C9D2F0.

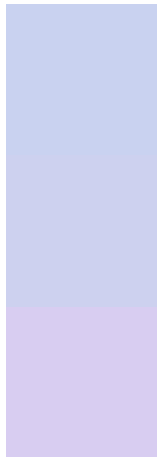


This preview shows how white text looks on a background with the Hex color C9D2F0.

# 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**  
C9D2F0

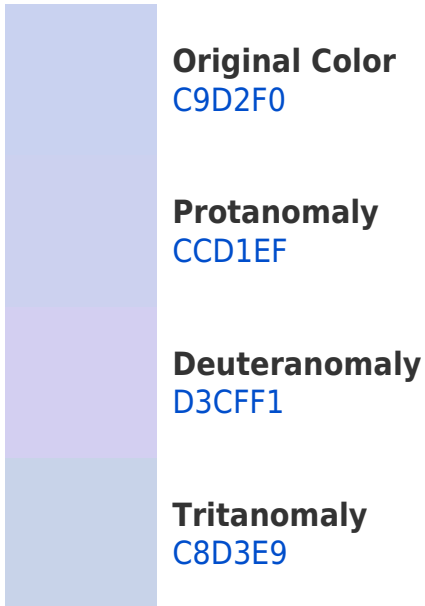
**Protanopia**  
CDD1EF

**Deuteranopia**  
D8CDF1

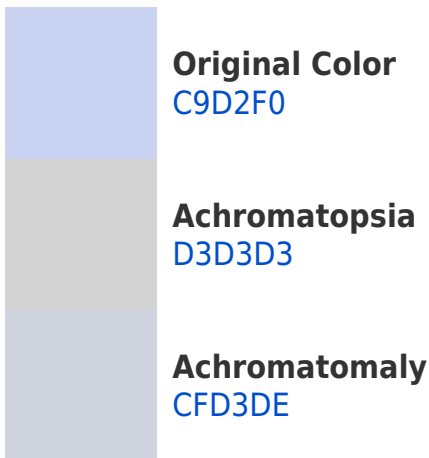


**Tritanopia**  
C7D4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9D2F0 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 #C9D2F0 looks like.

```
.text, #text, p{  
    color:#C9D2F0  
}
```

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 #C9D2F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9D2F0
}
```

## Border

The CSS property to change the border of an element to Hex C9D2F0 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
#C9D2F0 }
```

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

```
.border{ border-color:#C9D2F0 }
```

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

Here you see how a box with a 4 pixel #C9D2F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9D2F0; -webkit-box-shadow:4px 4px  
4px 4px #C9D2F0; box-shadow:4px 4px 4px  
4px #C9D2F0 }
```

# Background

The CSS property to change the background color of an element to Hex C9D2F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9D2F0 }
```

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

```
.background{ background-color:#C9D2F0 }
```

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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