

# Converting Colors

Hex(CCC1F3)

Have a look what the booklet for  
Hex(CCC1F3) contains.

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# **Color**

**Hex(CCC1F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCC1F3
RGB	204, 193, 243
RGB Percent	80%, 76%, 95%
CMY	0.2000, 0.2431, 0.0471
CMYK	0.16, 0.21, 0.00, 0.05
HSL	253°, 68%, 85%
HSV	253°, 21%, 95%
XYZ	60.1495, 57.4484, 92.7124
YIQ	201.9890, -9.4940, 17.8820

# Conversions

## Conversions Part 2

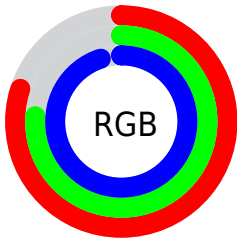
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 193, 243</a>
Decimal	<a href="#">13418995</a>
CIELab	<a href="#">80.43, 13.62, -23.30</a>
CIELCh	<a href="#">80, 26.993, 300.309</a>
Yxy	<a href="#">57.4484, 0.2860, 0.2732</a>
Android (android.graphics.Color)	<a href="#">4291609075 (0xFFCCC1F3)</a>
YUV	<a href="#">201.9890, 20.2184, 1.7636</a>
Hunter-Lab	<a href="#">75.7947, 9.0140, -19.4675</a>

# Details

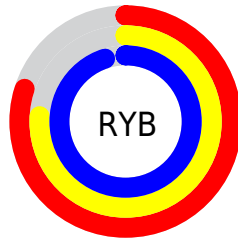
The Hex color **CCC1F3** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E8F3C1**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFF9FF**, and **958BBB** is the 20% darker color. If you saturate the color by 10%, you get **B9A9F3**, and if you desaturate by 10%, it is **DFD9F3**.

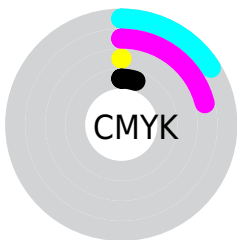
# Distribution



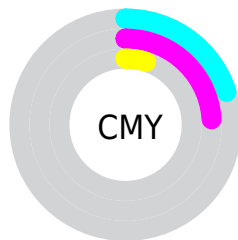
- Red (80%)
- Green (76%)
- Blue (95%)



- Red (80%)
- Yellow (76%)
- Blue (95%)



- Cyan (16%)
- Magenta (21%)
- Yellow (0%)
- Black (5%)



- Cyan (20%)
- Magenta (24%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCC1F3 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 CCC1F3 by changing the saturation by 10% instead.



■ CCC1F3

FFFFFF

■ FFF9FF

■ CCC1F3

■ B0A6D7

■ 958BBB

■ 7B72A0

■ 625985

■ 49426C

■ 322C54

■ 1B173C

■ 070027

■ 000110

 CCC1F3

 CCC1F3

 B9A9F3

 DFD9F3

 A690F3

 F2F2F3

 9378F3

 FFFFF3

 8060F3

 6D48F3

 5A2FF3

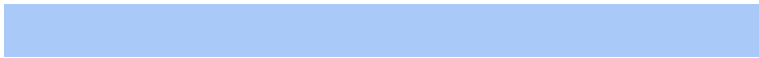
 4717F3

 3500F3

# Harmonies

## Analogous

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



A9CAF9



CCC1F3



E8B9E1

# Triad

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



CCC1F3



EFBE9D



89D6C7

# Complementary

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



CCC1F3



E8F3C1

# 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.



A2D3AE



CCC1F3



DAC695

# Square

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



CCC1F3



FAB7AF



BFCE9C



7ED5E0

# Rectangle

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



CCC1F3



F5B6D1



BFCE9C



90D5BE



# Sweetspot

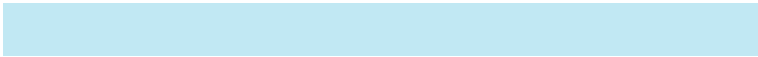
The Sweet Spot groups the original color and five complimentary colors.



CCC1F3



F3F0FF



C1E8F3



797780



000000



808080



# Same Dimension

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



CCC1F3



CDBFFF



E5C1F3



716E7A



2900BA



0D003B



# Inverse Universe

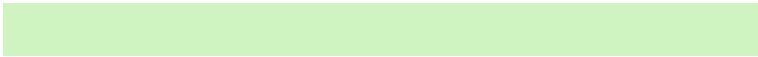
The Inverse Universe completely reimagines the original color for something new.



F3C1E8



FFBFF1



CFF3C1



7A6E78



BA0091

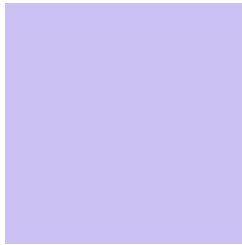


3B002E



# Previews

## White Background



This preview shows how the Hex color CCC1F3 looks on a white background.

## Color Contrast Check

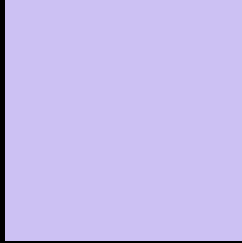
Large Text (above 18pt) WCAG AA × Fail

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 CCC1F3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

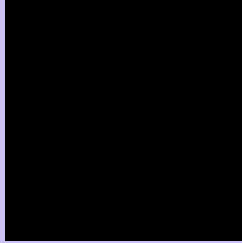
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CCC1F3 Background



This preview shows how black text looks on a background with the Hex color CCC1F3.

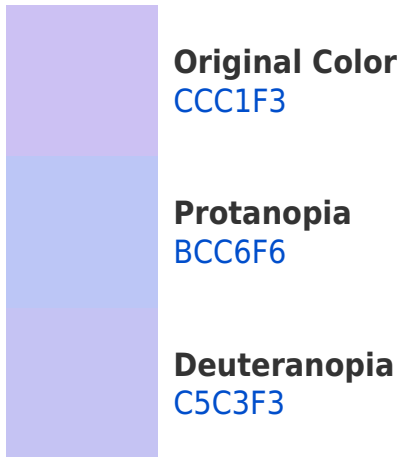


This preview shows how white text looks on a background with the Hex color CCC1F3.

# 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](#).

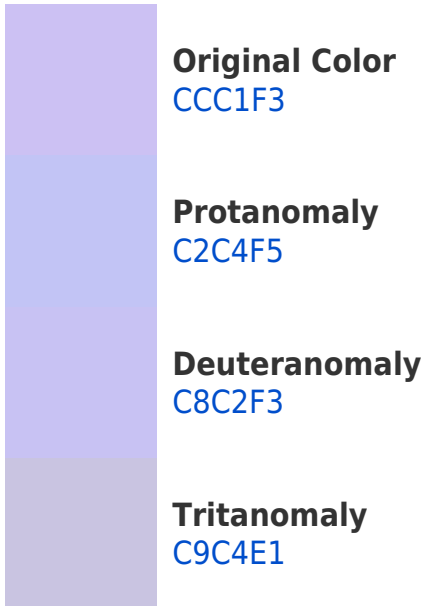
## Dichromacy



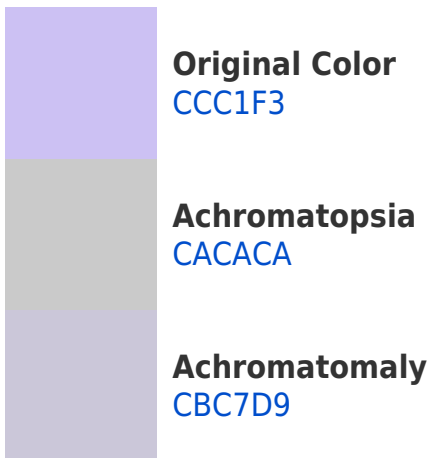


**Tritanopia**  
C7C6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCC1F3 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 #CCC1F3 looks like.

```
.text, #text, p{  
    color:#CCC1F3  
}
```

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 #CCC1F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCC1F3
}
```

## Border

The CSS property to change the border of an element to Hex CCC1F3 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
#CCC1F3 }
```

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

```
.border{ border-color:#CCC1F3 }
```

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

Here you see how a box with a 4 pixel #CCC1F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCC1F3; -webkit-box-shadow:4px 4px  
4px 4px #CCC1F3; box-shadow:4px 4px 4px  
4px #CCC1F3 }
```

# Background

The CSS property to change the background color of an element to Hex CCC1F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCC1F3 }
```

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

```
.background{ background-color:#CCC1F3 }
```

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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