

Converting Colors

Hex(CCC3F0)

Have a look what the booklet for
Hex(CCC3F0) contains.

Hex(CCC3F0)	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(CCC3F0)

Conversions

Conversions Part 1

Format	Color
Hex	CCC3F0
RGB	204, 195, 240
RGB Percent	80%, 76%, 94%
CMY	0.2000, 0.2353, 0.0588
CMYK	0.15, 0.19, 0.00, 0.06
HSL	252°, 60%, 85%
HSV	252°, 19%, 94%
XYZ	60.1451, 58.1589, 90.4939
YIQ	202.8210, -9.0810, 15.9030

Conversions

Conversions Part 2

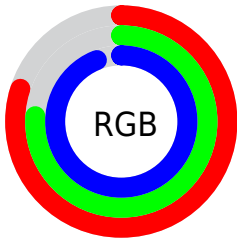
Format	Color
RYB	204, 195, 240
Decimal	13419504
CIELab	80.83, 11.91, -21.10
CIELCh	81, 24.224, 299.438
Yxy	58.1589, 0.2881, 0.2785
Android (android.graphics.Color)	4291609584 (0xFFCCC3F0)
YUV	202.8210, 18.3292, 1.0340
Hunter-Lab	76.2620, 7.3183, -16.9713

Details

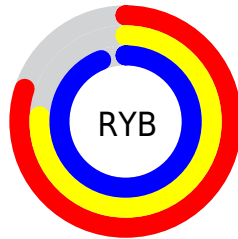
The Hex color `CCC3F0` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `E7F0C3`, and the grayscale version is `CBCBCB`.

A 20% lighter version of the original color is `FFFCFF`, and `958DB8` is the 20% darker color. If you saturate the color by 10%, you get `B9ABF0`, and if you desaturate by 10%, it is `DFDBF0`.

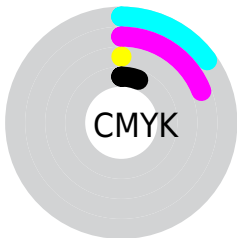
Distribution



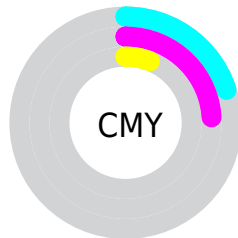
- Red (80%)
- Green (76%)
- Blue (94%)



- Red (80%)
- Yellow (76%)
- Blue (94%)



- Cyan (15%)
- Magenta (19%)
- Yellow (0%)
- Black (6%)



- Cyan (20%)
- Magenta (24%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCC3F0 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 CCC3F0 by changing the saturation by 10% instead.

■ CCC3F0

■ CCC3F0

FFFFFF

■ B0A8D4

■ FFFCFF

■ 958DB8

■ 7B749D

■ 625B83

■ 4A4469

■ 322E51

■ 1C193A

■ 080025

■ 00010D

■ CCC3F0

■ CCC3F0

■ B9ABF0

■ DFDBF0

■ A693F0

■ F2F3F0

■ 927BF0

■ FFFFF0

■ 7F63F0

■ 6C4BF0

■ 5933F0

■ 461BF0

■ 3203F0

■ 3000F0

Harmonies

Analogous

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



ADCBF5



CCC3F0



E6BCE0

Triad

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



CCC3F0



EDC0A2



92D6C7

Complementary

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



CCC3F0



E7F0C3

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.



A8D3B1



CCC3F0



DAC79C

Square

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



CCC3F0



F7BAB3



C2CEA1



89D5DE

Rectangle

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



CCC3F0



F1B9D2



C2CEA1



99D5C0

Sweetspot

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



CCC3F0



F3F0FF



C3E7F0



787780



000000



808080

Same Dimension

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



CCC3F0



D0C4FF



E2C3F0



6E6C78



2500B8



0B0038

Inverse Universe

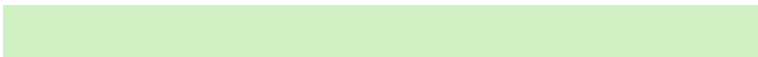
The Inverse Universe completely reimagines the original color for something new.



F0C3E7



FFC4F3



D0F0C3



786C75



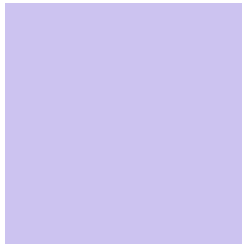
B80093



38002D

Previews

White Background



This preview shows how the Hex color CCC3F0 looks on a white background.

Color Contrast Check

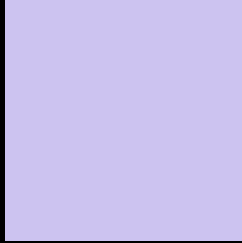
Large Text (above 18pt) WCAG AA × Fail

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 CCC3F0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

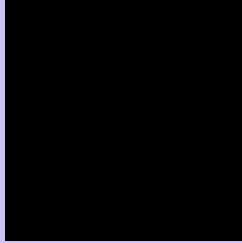
Any Text WCAG AA ✓ Pass

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 CCC3F0 Background



This preview shows how black text looks on a background with the Hex color CCC3F0.



This preview shows how white text looks on a background with the Hex color CCC3F0.

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
CCC3F0

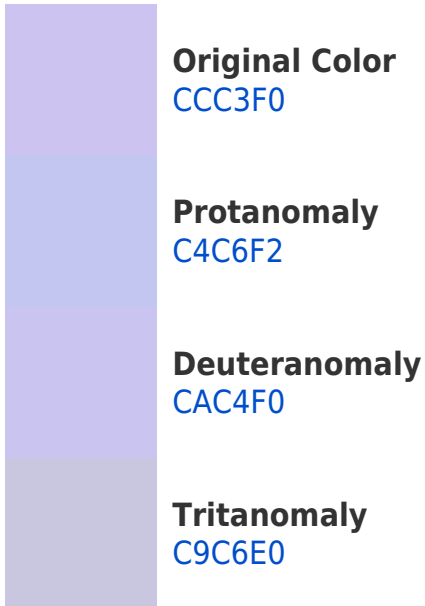
Protanopia
BFC7F3

Deuteranopia
C9C4F0

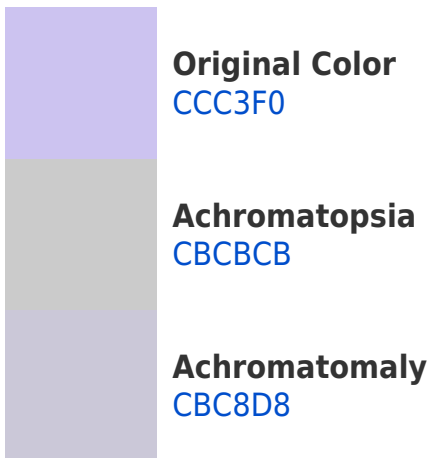


Tritanopia
C8C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCC3F0 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 #CCC3F0 looks like.

```
.text, #text, p{  
    color:#CCC3F0  
}
```

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 #CCC3F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCC3F0  
}
```

Border

The CSS property to change the border of an element to Hex CCC3F0 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  
#CCC3F0 }
```

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

```
.border{ border-color:#CCC3F0 }
```

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

Here you see how a box with a 4 pixel #CCC3F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCC3F0; -webkit-box-shadow:4px 4px  
4px 4px #CCC3F0; box-shadow:4px 4px 4px  
4px #CCC3F0 }
```

Background

The CSS property to change the background color of an element to Hex CCC3F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCC3F0 }
```

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

```
.background{ background-color:#CCC3F0 }
```

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