

Converting Colors

Hex(C3C7F6)

Have a look what the booklet for
Hex(C3C7F6) contains.

Hex(C3C7F6)	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(C3C7F6)

Conversions

Conversions Part 1

Format	Color
Hex	C3C7F6
RGB	195, 199, 246
RGB Percent	76%, 78%, 96%
CMY	0.2353, 0.2196, 0.0353
CMYK	0.21, 0.19, 0.00, 0.04
HSL	235°, 74%, 86%
HSV	235°, 21%, 96%
XYZ	59.5637, 59.1028, 95.4574
YIQ	203.1620, -17.4710, 13.7690

Conversions

Conversions Part 2

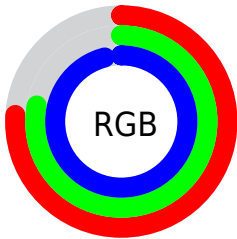
Format	Color
RYB	195, 199, 246
Decimal	12830710
CIELab	81.35, 8.27, -23.58
CIELCh	81, 24.984, 289.335
Yxy	59.1028, 0.2782, 0.2760
Android (android.graphics.Color)	4291020790 (0xFFC3C7F6)
YUV	203.1620, 21.1191, -7.1581
Hunter-Lab	76.8783, 3.7608, -19.8037

Details

The Hex color **C3C7F6** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F6F2C3**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FCFFFF**, and **8D91BE** is the 20% darker color. If you saturate the color by 10%, you get **AAB0F6**, and if you desaturate by 10%, it is **DCDEF6**.

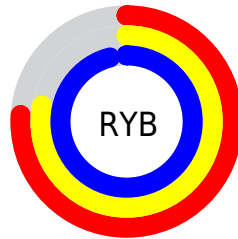
Distribution



Red (76%)

Green (78%)

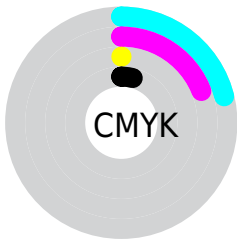
Blue (96%)



Red (76%)

Yellow (78%)

Blue (96%)

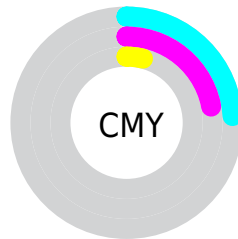


Cyan (21%)

Magenta (19%)

Yellow (0%)

Black (4%)



Cyan (24%)

Magenta (22%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3C7F6 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 C3C7F6 by changing the saturation by 10% instead.

 C3C7F6

 C3C7F6

FFFFFF

 A7ACD9

FCFFFF

 8D91BE

 7378A2

 595F88

 41476F

 293156

 101C3F

 000129

 000113

 C3C7F6

 C3C7F6

 AAB0F6


 DCDEF6

 929AF6

 F4F4F6

 7983F6

 FFFFF6

 616CF6

 4856F6

 2F3FF6

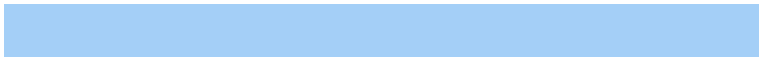
 1728F6

 0013F6

Harmonies

Analogous

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



A4CFF7



C3C7F6



E0BFE9

Triad

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



C3C7F6



F4BEA8



98D7C1

Complementary

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



C3C7F6



F6F2C3

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.



B1D3AB



C3C7F6



E4C69D

Square

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



C3C7F6



FBBABC



CCCD9E



89D7D9

Rectangle

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



C3C7F6



EFBBD8



CCCD9E



A0D6B9

Sweetspot

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



C3C7F6



F0F1FF



C3F6F2



777780



000000



808080

Same Dimension

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



C3C7F6



BFC4FF



D8C3F6



6E6F7A



000FBA



00053B

Inverse Universe

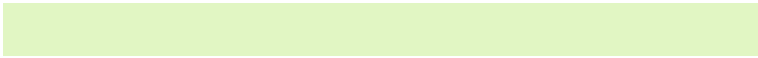
The Inverse Universe completely reimagines the original color for something new.



F6C3C7



FFBFC4



E1F6C3



7A6E6F



BA000F



3B0005

Previews

White Background



This preview shows how the Hex color C3C7F6 looks on a white background.

Color Contrast Check

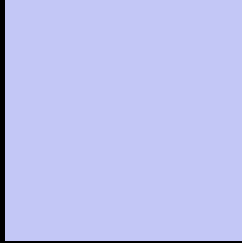
Large Text (above 18pt) WCAG AA × Fail

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 C3C7F6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

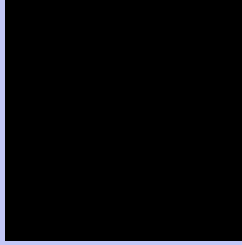
Any Text WCAG AA ✓ Pass

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 C3C7F6 Background



This preview shows how black text looks on a background with the Hex color C3C7F6.



This preview shows how white text looks on a background with the Hex color C3C7F6.

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

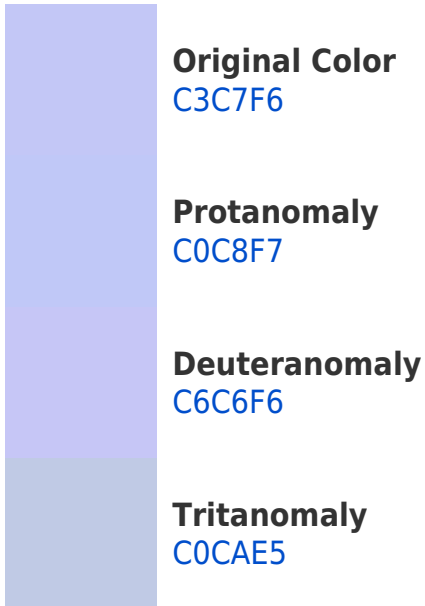


Original Color
C3C7F6

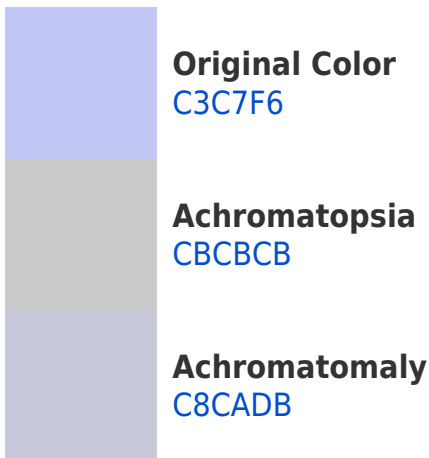
Protanopia
BFC8F7

Deuteranopia
C7C6F6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C3C7F6 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 #C3C7F6 looks like.

```
.text, #text, p{  
    color:#C3C7F6  
}
```

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 #C3C7F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3C7F6
}
```

Border

The CSS property to change the border of an element to Hex C3C7F6 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
#C3C7F6 }
```

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

```
.border{ border-color:#C3C7F6 }
```

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

Here you see how a box with a 4 pixel #C3C7F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3C7F6; -webkit-box-shadow:4px 4px  
4px 4px #C3C7F6; box-shadow:4px 4px 4px  
4px #C3C7F6 }
```

Background

The CSS property to change the background color of an element to Hex C3C7F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3C7F6 }
```

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

```
.background{ background-color:#C3C7F6 }
```

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