

# Converting Colors

Hex(C3C8FF)

Have a look what the booklet for  
Hex(C3C8FF) contains.

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# **Color**

**Hex(C3C8FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3C8FF
RGB	195, 200, 255
RGB Percent	76%, 78%, 100%
CMY	0.2353, 0.2157, 0.0000
CMYK	0.24, 0.22, 0.00, 0.00
HSL	235°, 100%, 88%
HSV	235°, 24%, 100%
XYZ	61.2100, 60.1307, 102.9880
YIQ	204.7750, -20.6350, 16.0450

# Conversions

## Conversions Part 2

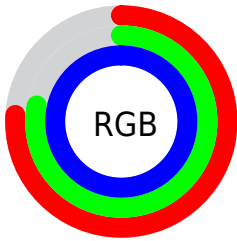
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	195, 200, 255
Decimal	12830975
CIE Lab	81.91, 9.76, -27.51
CIE LCh	82, 29.194, 289.530
Yxy	60.1307, 0.2729, 0.2680
Android (android.graphics.Color)	4291021055 (0xFFC3C8FF)
YUV	204.7750, 24.7609, -8.5727
Hunter-Lab	77.5440, 5.1985, -24.4637

# Details

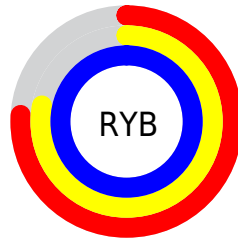
The Hex color `C3C8FF` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `FFFAC3`, and the grayscale version is `CDCDCD`.

A 20% lighter version of the original color is `FCFFFF`, and `8C92C6` is the 20% darker color. If you saturate the color by 10%, you get `AAB1FF`, and if you desaturate by 10%, it is `DCDFFF`.

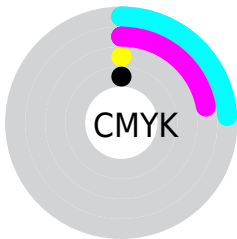
# Distribution



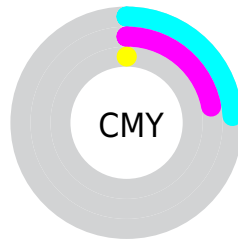
- Red (76%)
- Green (78%)
- Blue (100%)



- Red (76%)
- Yellow (78%)
- Blue (100%)



- Cyan (24%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (22%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3C8FF 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 C3C8FF by changing the saturation by 10% instead.



 C3C8FF

 C3C8FF

FFFFFF

 A7ADE2

 FCFFFF

 8C92C6

 7279AB

 586090

 3F4876

 27325D

 0B1D45

 00032F

 00011A

 C3C8FF

 C3C8FF

 AAB1FF

 DCDFFF

 9099FF

 F6F7FF

 7782FF

FFFFFF

 5D6AFF

 4353FF

 2A3CFF

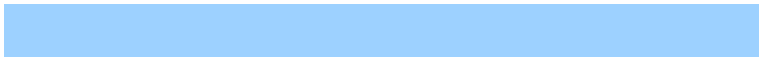
 1024FF

 0015FF

# Harmonies

## Analogous

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



9DD1FF



C3C8FF



E5BFEF

# Triad

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



C3C8FF



FCBEA3



90DAC1

# Complementary

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



C3C8FF



FFAC3

# 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.



AED7A7



C3C8FF



E9C796

# Square

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



C3C8FF



FFB8BB



CDD098



7CDBDD

# Rectangle

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



C3C8FF



F6BADF



CDD098



99DAB8



# Sweetspot

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



C3C8FF



EDEFFF



C3FFFA



757680



000000



808080



# Same Dimension

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



C3C8FF



B8BEFF



DCC3FF



737480



0010BF



000540



# Inverse Universe

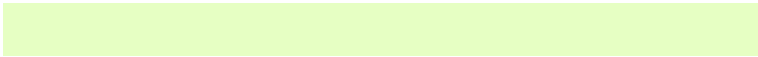
The Inverse Universe completely reimagines the original color for something new.



FFC3C8



FFB8BE



E6FFC3



807374



BF0010

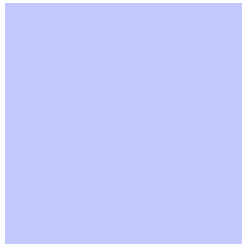


400005



# Previews

## White Background



This preview shows how the Hex color C3C8FF looks on a white background.

## Color Contrast Check

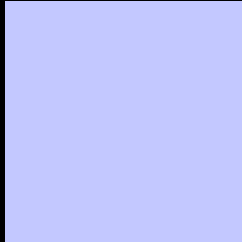
Large Text (above 18pt) WCAG AA × Fail

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 C3C8FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

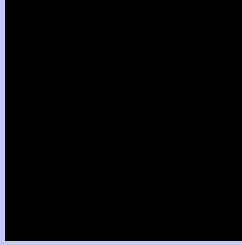
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C3C8FF Background



This preview shows how black text looks on a background with the Hex color C3C8FF.

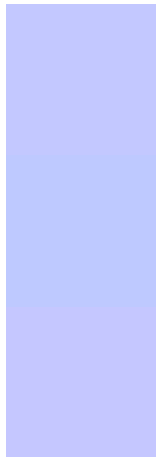


This preview shows how white text looks on a background with the Hex color C3C8FF.

# 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



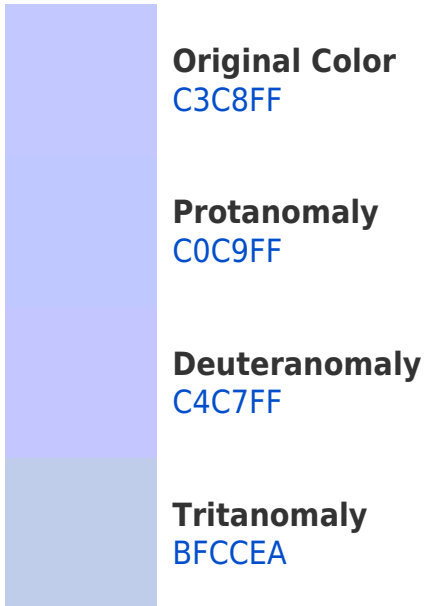
**Original Color**  
C3C8FF

**Protanopia**  
BEC9FF

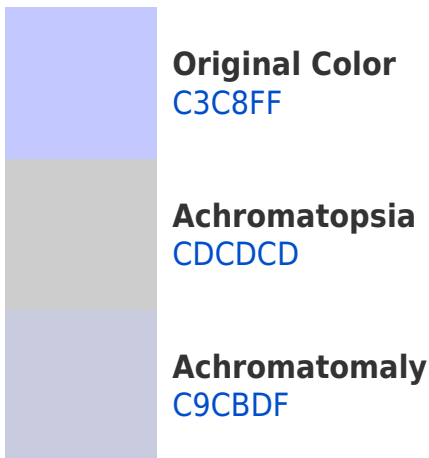
**Deuteranopia**  
C5C7FF



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3C8FF 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 #C3C8FF looks like.

```
.text, #text, p{  
    color:#C3C8FF  
}
```

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 #C3C8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3C8FF
}
```

## Border

The CSS property to change the border of an element to Hex C3C8FF 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
#C3C8FF }
```

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

```
.border{ border-color:#C3C8FF }
```

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

Here you see how a box with a 4 pixel #C3C8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3C8FF; -webkit-box-shadow:4px 4px  
4px 4px #C3C8FF; box-shadow:4px 4px 4px  
4px #C3C8FF }
```

# Background

The CSS property to change the background color of an element to Hex C3C8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3C8FF }
```

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

```
.background{ background-color:#C3C8FF }
```

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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