

# Converting Colors

Hex(C7E5FF)

Have a look what the booklet for  
Hex(C7E5FF) contains.

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# **Color**

**Hex(C7E5FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7E5FF
RGB	199, 229, 255
RGB Percent	78%, 90%, 100%
CMY	0.2196, 0.1020, 0.0000
CMYK	0.22, 0.10, 0.00, 0.00
HSL	208°, 100%, 89%
HSV	208°, 22%, 100%
XYZ	69.6225, 75.4007, 105.4920
YIQ	222.9940, -26.2260, 1.7260

# Conversions

## Conversions Part 2

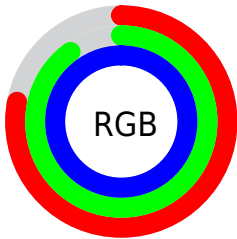
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	199, 219, 255
Decimal	13100543
CIE Lab	89.58, -4.37, -15.87
CIE LCh	90, 16.457, 254.610
Yxy	75.4007, 0.2779, 0.3010
Android (android.graphics.Color)	4291290623 (0xFFC7E5FF)
YUV	222.9940, 15.7790, -21.0427
Hunter-Lab	86.8336, -8.8389, -11.2465

# Details

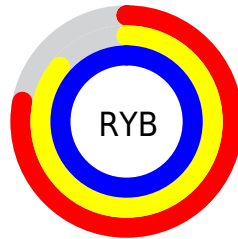
The Hex color **C7E5FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFE1C7**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFFF**, and **90AEC6** is the 20% darker color. If you saturate the color by 10%, you get **AED9FF**, and if you desaturate by 10%, it is **E1F1FF**.

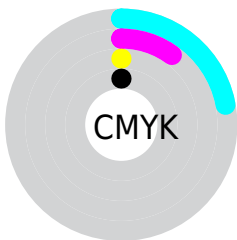
# Distribution



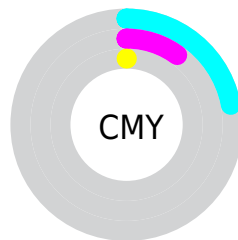
- Red (78%)
- Green (90%)
- Blue (100%)



- Red (78%)
- Yellow (86%)
- Blue (100%)



- Cyan (22%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (10%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7E5FF 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 C7E5FF by changing the saturation by 10% instead.



 C7E5FF

FFFFFF

 C7E5FF

 ABC9E2

 90AEC6

 7693AB

 5C7990

 436177

 2B495E

 123246

 001D30

 00011B

 C7E5FF

 C7E5FF

 AED9FF

 E1F1FF

 94CDFF

 FAFDFF

 7AC1FF

FFFFFF

 61B6FF

 47A AFF

 2E9EFF

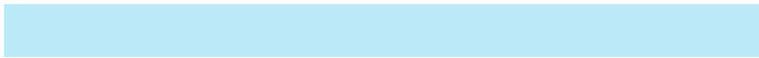
 1492FF

 0089FF

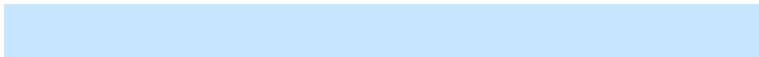
# Harmonies

## Analogous

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



BBE9F7



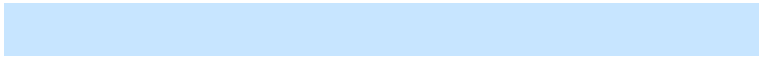
C7E5FF



DAE0FF

# Triad

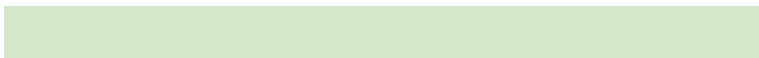
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C7E5FF



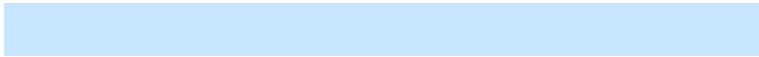
FFD7DA



D4E7CB

# Complementary

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



C7E5FF



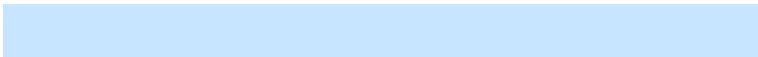
FFE1C7

# Split Complementary

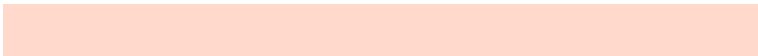
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E6E3C3



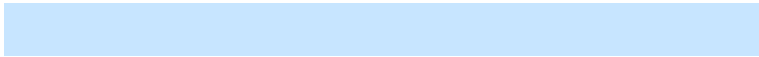
C7E5FF



FFD9CC

# Square

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



C7E5FF



FCD7EA



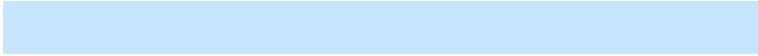
F6DDC3



C3EAD8

# Rectangle

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



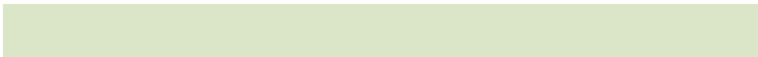
C7E5FF



E7DCFB



F6DDC3

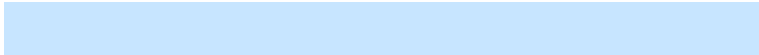


DAE6C7

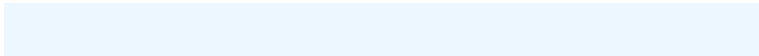


# Sweetspot

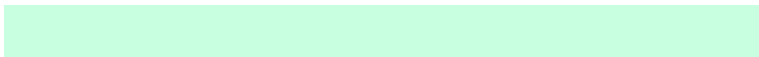
The Sweet Spot groups the original color and five complimentary colors.



C7E5FF



EDF7FF



C7FFE0



757B80



000000

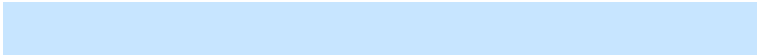


808080

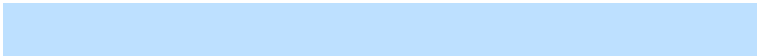


# Same Dimension

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



C7E5FF



BDE0FF



C7CAFF



737A80



0066BF



002240



# Inverse Universe

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



FFC7E5



FFBDE0



FFFCC7



80737A



BF0066

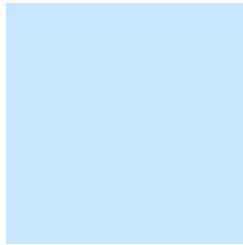


400022



# Previews

## White Background



This preview shows how the Hex color C7E5FF looks on a white background.

## Color Contrast Check

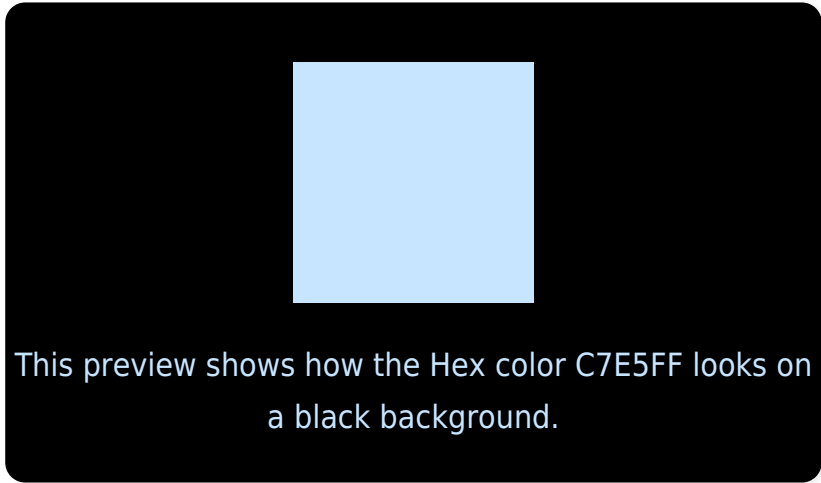
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

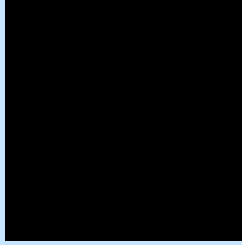
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

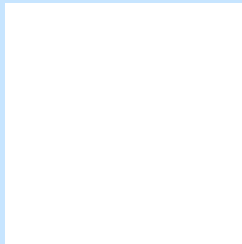
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C7E5FF Background



This preview shows how black text looks on a background with the Hex color C7E5FF.

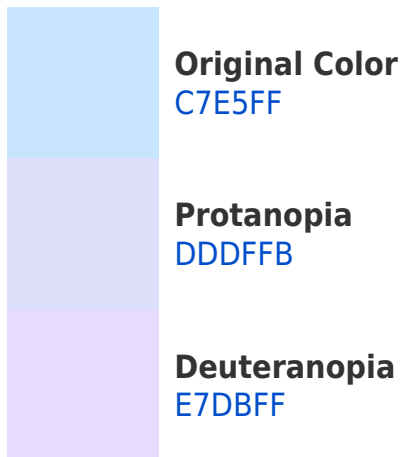


This preview shows how white text looks on a background with the Hex color C7E5FF.

# 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



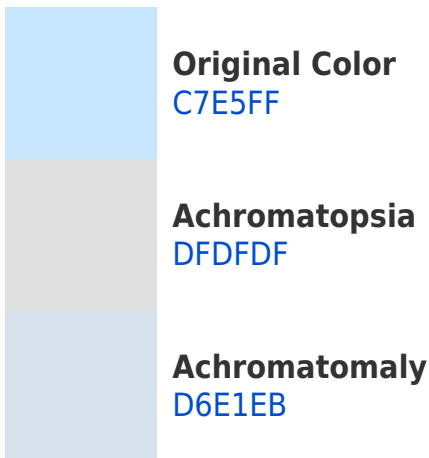


**Tritanopia**  
C6E6F8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7E5FF 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 #C7E5FF looks like.

```
.text, #text, p{  
    color:#C7E5FF  
}
```

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 #C7E5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7E5FF
}
```

## Border

The CSS property to change the border of an element to Hex C7E5FF 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
#C7E5FF }
```

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

```
.border{ border-color:#C7E5FF }
```

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

Here you see how a box with a 4 pixel #C7E5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7E5FF; -webkit-box-shadow:4px 4px  
4px 4px #C7E5FF; box-shadow:4px 4px 4px  
4px #C7E5FF }
```

# Background

The CSS property to change the background color of an element to Hex C7E5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7E5FF }
```

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

```
.background{ background-color:#C7E5FF }
```

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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