

# Converting Colors

Hex(C3E5FF)

Have a look what the booklet for  
Hex(C3E5FF) contains.

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# **Color**

**Hex(C3E5FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3E5FF
RGB	195, 229, 255
RGB Percent	76%, 90%, 100%
CMY	0.2353, 0.1020, 0.0000
CMYK	0.24, 0.10, 0.00, 0.00
HSL	206°, 100%, 88%
HSV	206°, 24%, 100%
XYZ	68.5750, 74.8607, 105.4430
YIQ	221.7980, -28.6100, 0.8780

# Conversions

## Conversions Part 2

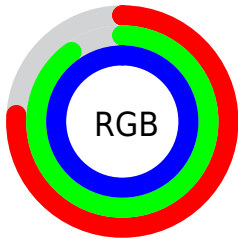
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	195, 217, 255
Decimal	12838399
CIE Lab	89.33, -5.55, -16.27
CIE LCh	89, 17.192, 251.165
Yxy	74.8607, 0.2755, 0.3008
Android (android.graphics.Color)	4291028479 (0xFFC3E5FF)
YUV	221.7980, 16.3686, -23.5018
Hunter-Lab	86.5221, -9.9396, -11.6903

# Details

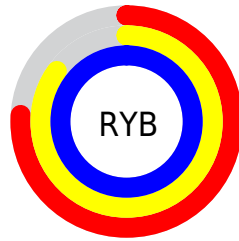
The Hex color **C3E5FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFDDC3**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FCFFFF**, and **8CAEC6** is the 20% darker color. If you saturate the color by 10%, you get **AADAFF**, and if you desaturate by 10%, it is **DCF0FF**.

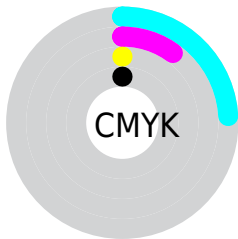
# Distribution



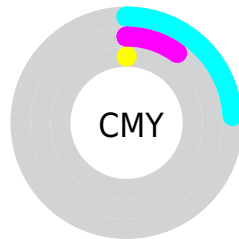
- Red (76%)
- Green (90%)
- Blue (100%)



- Red (76%)
- Yellow (85%)
- Blue (100%)



- Cyan (24%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (10%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3E5FF 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 C3E5FF by changing the saturation by 10% instead.



 C3E5FF

 C3E5FF

FFFFFF

 A7C9E2

 FCFFFF

 8CAEC6

 7293AB

 587990

 3F6177

 26495E

 0B3246

 001D30

 00011B

 C3E5FF

 C3E5FF

 AADAFF

 DCF0FF

 90CFFF

 F6FBFF

 77C4FF


FFFFFF

 5DB9FF

 43AEFF

 2AA3FF

 1098FF

 0091FF

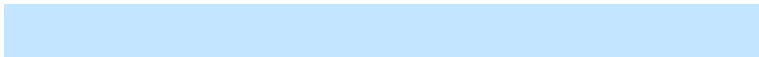
# Harmonies

## Analogous

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



B7E9F5



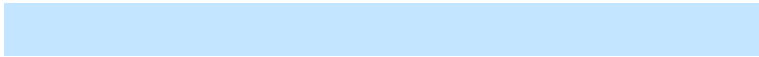
C3E5FF



D6E0FF

# Triad

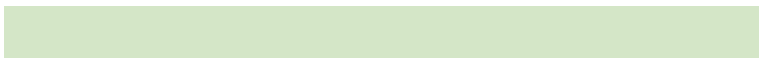
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C3E5FF



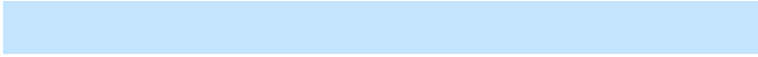
FFD5DB



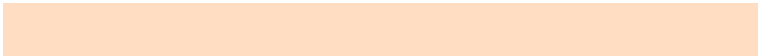
D4E6C7

# Complementary

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



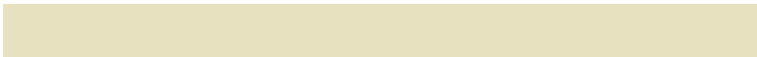
C3E5FF



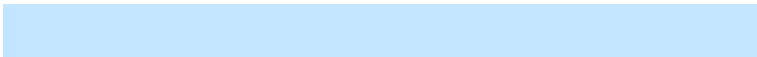
FFDDC3

# 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.



E7E1C0



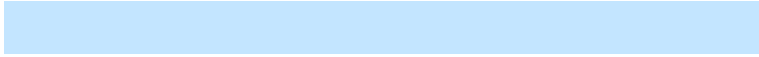
C3E5FF



FFD7CC

# Square

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



C3E5FF



FBD6EB



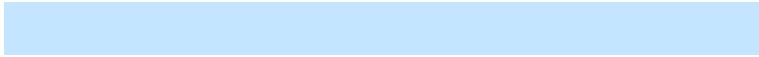
F7DCC2



C3E9D5

# Rectangle

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



C3E5FF



E5DCFC



F7DCC2

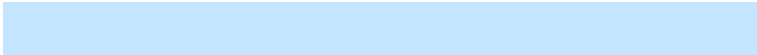


DBE5C4

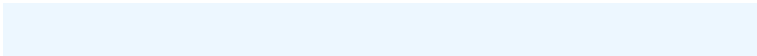


# Sweetspot

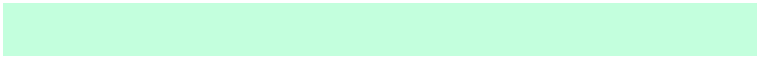
The Sweet Spot groups the original color and five complimentary colors.



C3E5FF



EDF7FF



C3FFDD



757B80



000000

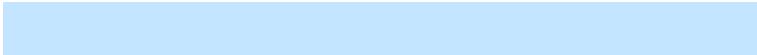


808080

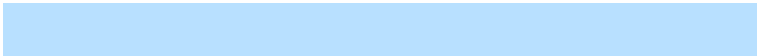


# Same Dimension

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



C3E5FF



B8E0FF



C3C7FF



737A80



006CBF



002440



# Inverse Universe

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



FFC3E5



FFB8E0



FFFBC3



80737A



BF006C

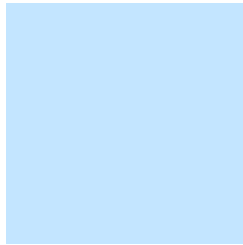


400024



# Previews

## White Background



This preview shows how the Hex color C3E5FF looks on a white background.

## Color Contrast Check

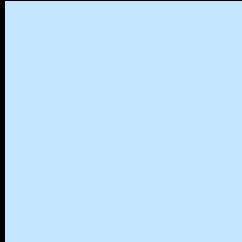
Large Text (above 18pt) WCAG AA × Fail

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 C3E5FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

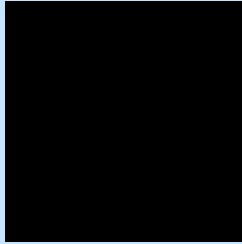
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

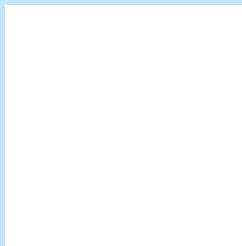
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C3E5FF Background



This preview shows how black text looks on a background with the Hex color C3E5FF.

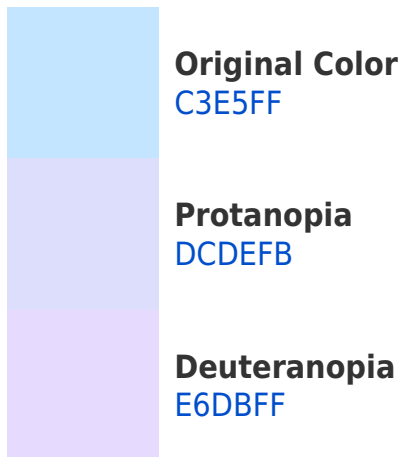


This preview shows how white text looks on a background with the Hex color C3E5FF.

# 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](#).

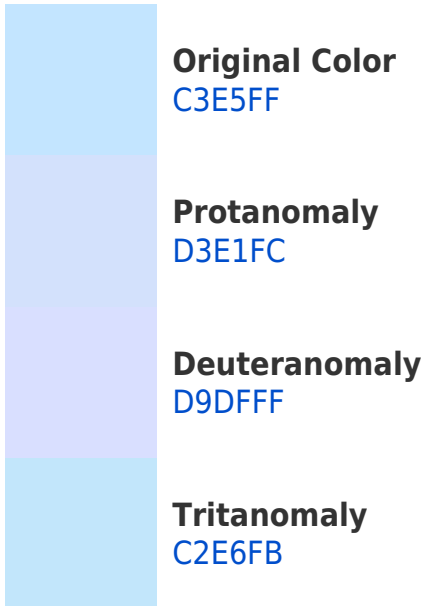
## Dichromacy



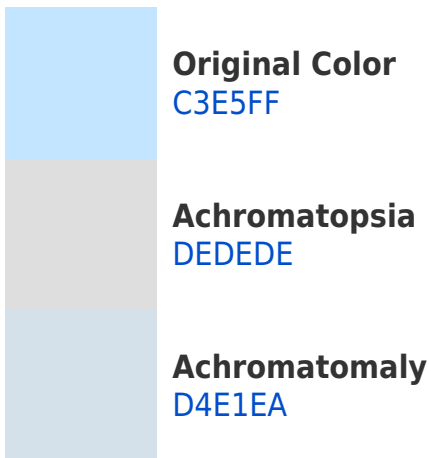


**Tritanopia**  
C2E6F8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3E5FF 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 #C3E5FF looks like.

```
.text, #text, p{  
    color:#C3E5FF  
}
```

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 #C3E5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3E5FF
}
```

## Border

The CSS property to change the border of an element to Hex C3E5FF 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
#C3E5FF }
```

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

```
.border{ border-color:#C3E5FF }
```

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

Here you see how a box with a 4 pixel #C3E5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3E5FF; -webkit-box-shadow:4px 4px  
4px 4px #C3E5FF; box-shadow:4px 4px 4px  
4px #C3E5FF }
```

# Background

The CSS property to change the background color of an element to Hex C3E5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3E5FF }
```

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

```
.background{ background-color:#C3E5FF }
```

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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