

# Converting Colors

Hex(C6E3FF)

Have a look what the booklet for  
Hex(C6E3FF) contains.

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# **Color**

**Hex(C6E3FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6E3FF
RGB	198, 227, 255
RGB Percent	78%, 89%, 100%
CMY	0.2235, 0.1098, 0.0000
CMYK	0.22, 0.11, 0.00, 0.00
HSL	209°, 100%, 89%
HSV	209°, 22%, 100%
XYZ	68.8078, 74.1639, 105.2963
YIQ	221.5210, -26.2720, 2.5600

# Conversions

## Conversions Part 2

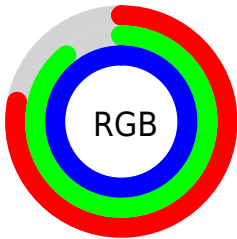
Format	Color
R <sub>Y</sub> B	198, 217, 255
Decimal	13034495
CIE Lab	89.00, -3.63, -16.75
CIE LCh	89, 17.134, 257.767
Yxy	74.1639, 0.2772, 0.2987
Android (android.graphics.Color)	4291224575 (0xFFC6E3FF)
YUV	221.5210, 16.5051, -20.6279
Hunter-Lab	86.1185, -8.0877, -12.2104

# Details

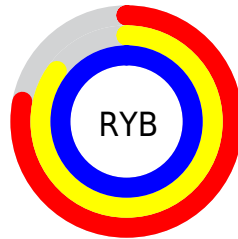
The Hex color **C6E3FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFE2C6**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFFF**, and **8FACC6** is the 20% darker color. If you saturate the color by 10%, you get **ADD6FF**, and if you desaturate by 10%, it is **E0F0FF**.

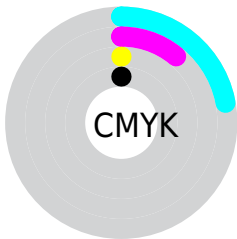
# Distribution



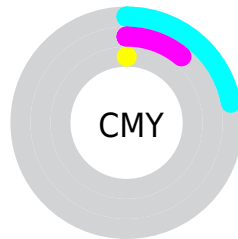
- Red (78%)
- Green (89%)
- Blue (100%)



- Red (78%)
- Yellow (85%)
- Blue (100%)



- Cyan (22%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (11%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6E3FF 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 C6E3FF by changing the saturation by 10% instead.



 C6E3FF

FFFFFF

 C6E3FF

 AAC7E2

 8FACC6

 7591AB

 5B7890

 435F77

 2A475E

 103146

 001C30

 00011B

 C6E3FF

 C6E3FF

 ADD6FF

 E0F0FF

 93CAFF

 F9FCFF

 7ABDFF

FFFFFF

 60B1FF

 47A4FF

 2D98FF

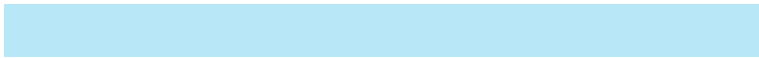
 148BFF

 0082FF

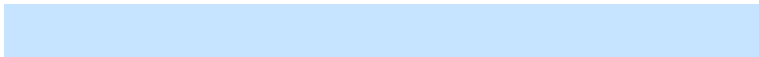
# Harmonies

## Analogous

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



B8E7F7



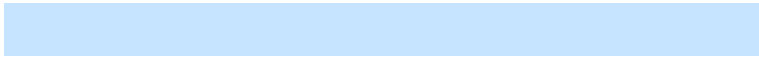
C6E3FF



DADEFE

# Triad

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



C6E3FF



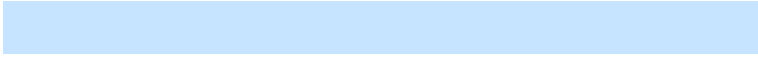
FFD5D6



CFE6C9

# Complementary

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



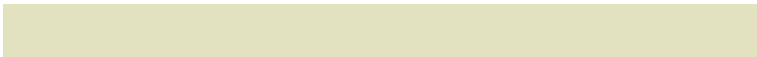
C6E3FF



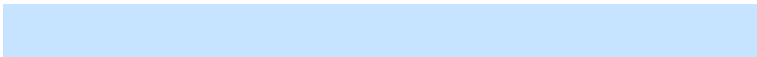
FFE2C6

# 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.



E2E2C0



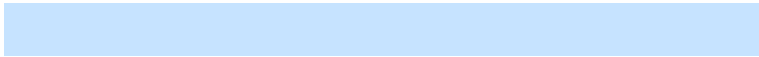
C6E3FF



FFD7C8

# Square

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



C6E3FF



FDD5E7



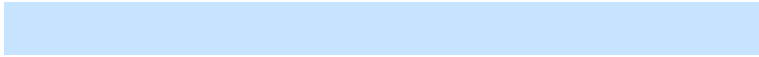
F3DCC0



BFE9D8

# Rectangle

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



C6E3FF



E8DAF9



F3DCC0

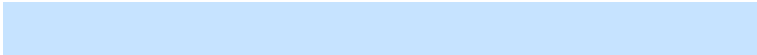


D6E5C5

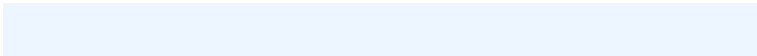


# Sweetspot

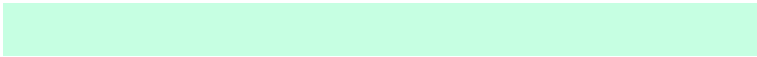
The Sweet Spot groups the original color and five complimentary colors.



C6E3FF



EDF6FF



C6FFE2



757A80



000000

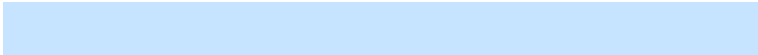


808080

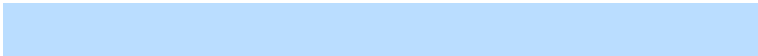


# Same Dimension

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



C6E3FF



BADDFE



C6C7FF



737980



0061BF



002040



# Inverse Universe

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



FFC6E3



FFBADD



FFFEC6



807379



BF0061

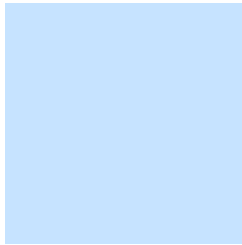


400020



# Previews

## White Background



This preview shows how the Hex color C6E3FF looks on a white background.

## Color Contrast Check

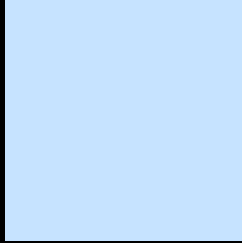
Large Text (above 18pt) WCAG AA × Fail

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 C6E3FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

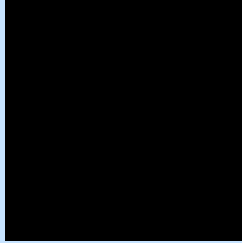
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

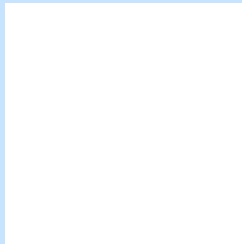
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C6E3FF Background



This preview shows how black text looks on a background with the Hex color C6E3FF.

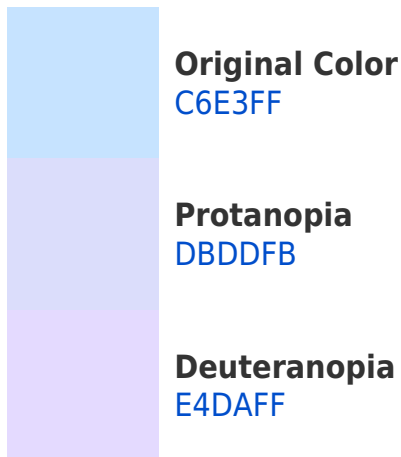


This preview shows how white text looks on a background with the Hex color C6E3FF.

# 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



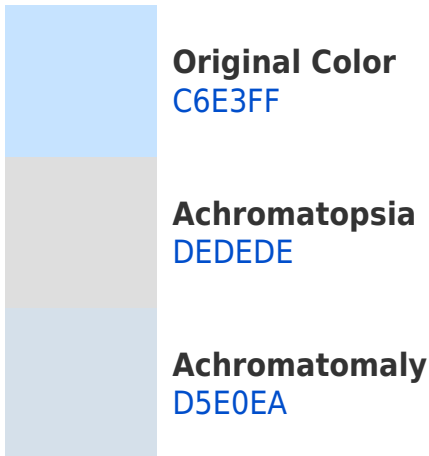


**Tritanopia**  
C4E4F7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6E3FF 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 #C6E3FF looks like.

```
.text, #text, p{  
    color:#C6E3FF  
}
```

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 #C6E3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6E3FF
}
```

## Border

The CSS property to change the border of an element to Hex C6E3FF 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
#C6E3FF }
```

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

```
.border{ border-color:#C6E3FF }
```

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

Here you see how a box with a 4 pixel #C6E3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6E3FF; -webkit-box-shadow:4px 4px  
4px 4px #C6E3FF; box-shadow:4px 4px 4px  
4px #C6E3FF }
```

# Background

The CSS property to change the background color of an element to Hex C6E3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6E3FF }
```

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

```
.background{ background-color:#C6E3FF }
```

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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