

# Converting Colors

Hex(C6ECFF)

Have a look what the booklet for  
Hex(C6ECFF) contains.

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# **Color**

**Hex(C6ECFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6ECFF
RGB	198, 236, 255
RGB Percent	78%, 93%, 100%
CMY	0.2235, 0.0745, 0.0000
CMYK	0.22, 0.07, 0.00, 0.00
HSL	200°, 100%, 89%
HSV	200°, 22%, 100%
XYZ	71.3342, 79.2167, 106.1384
YIQ	226.8040, -28.7470, -2.1470

# Conversions

## Conversions Part 2

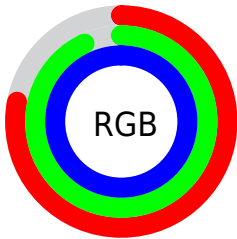
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 221, 255
Decimal	13036799
CIE <sub>Lab</sub>	91.33, -8.25, -13.25
CIE <sub>LCh</sub>	91, 15.611, 238.076
Yxy	79.2167, 0.2779, 0.3086
Android (android.graphics.Color)	4291226879 (0xFFC6ECFF)
YUV	226.8040, 13.9006, -25.2611
Hunter-Lab	89.0037, -12.6935, -8.4016

# Details

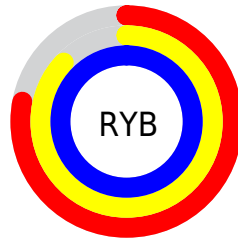
The Hex color **C6ECFF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFD9C6**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFFFF**, and **8FB4C6** is the 20% darker color. If you saturate the color by 10%, you get **ADE4FF**, and if you desaturate by 10%, it is **E0F5FF**.

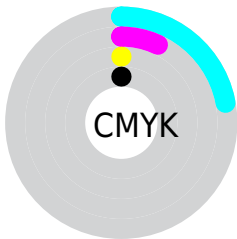
# Distribution



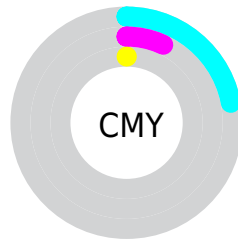
- Red (78%)
- Green (93%)
- Blue (100%)



- Red (78%)
- Yellow (87%)
- Blue (100%)



- Cyan (22%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (7%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6ECFF 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 C6ECFF by changing the saturation by 10% instead.



 C6ECFF

FFFFFF

 C6ECFF

 AAD0E2

 8FB4C6

 7599AB

 5B7F90

 426677

 294E5E

 0F3846

 002230

 000B1B

 C6ECFF

 C6ECFF

 ADE4FF

 E0F5FF

 93DBFF

 F9FDFD

 7AD3FF

FFFFFF

 60CAFF

 47C2FF

 2DB9FF

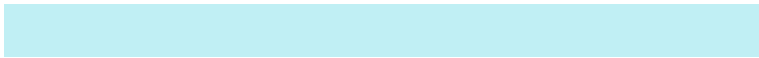
 14B1FF

 00AAFF

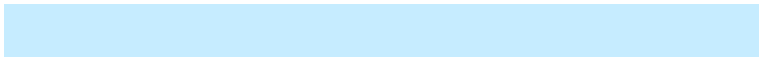
# Harmonies

## Analogous

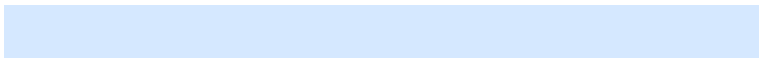
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C0EFF4



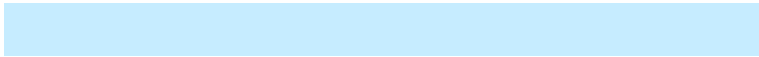
C6ECFF



D5E8FF

# Triad

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



C6ECFF



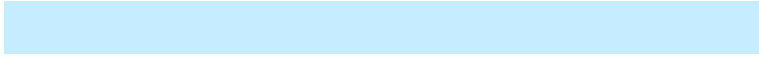
FFDCE8



E3EACC

# Complementary

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



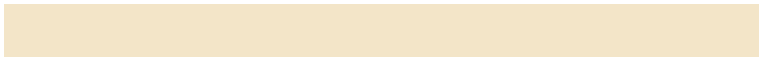
C6ECFF



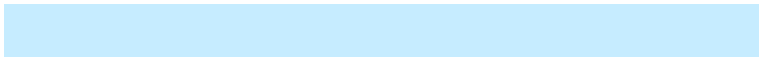
FFD9C6

# 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.



F3E5C8



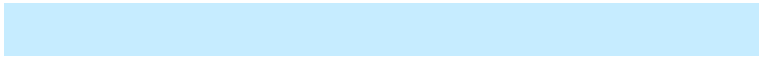
C6ECFF



FFDDD9

# Square

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



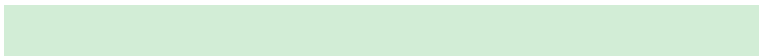
C6ECFF



F9DEF6



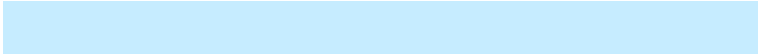
FFE0CD



D2EDD6

# Rectangle

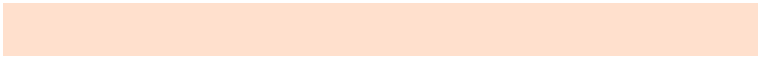
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C6ECFF



E2E4FF



FFE0CD

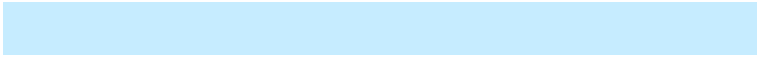


E9E8CA

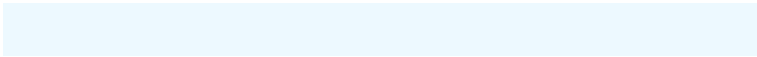


# Sweetspot

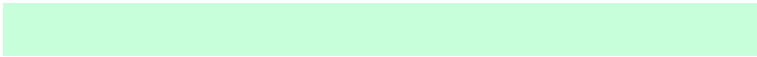
The Sweet Spot groups the original color and five complimentary colors.



C6ECFF



EDF9FF



C6FFD9



757C80



000000

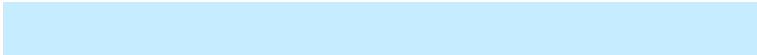


808080

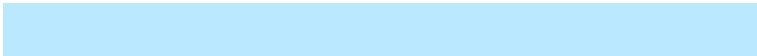


# Same Dimension

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



C6ECFF



BAE8FF



C6D0FF



737B80



0080BF



002B40



# Inverse Universe

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



FFC6EC



FFBAE8



FFF6C6



80737B



BF007F

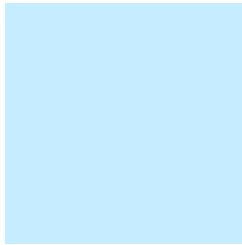


40002A



# Previews

## White Background



This preview shows how the Hex color C6ECFF looks on a white background.

## Color Contrast Check

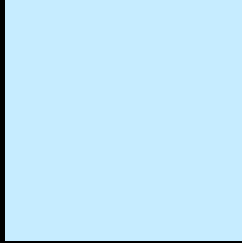
Large Text (above 18pt) WCAG AA × Fail

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 C6ECFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

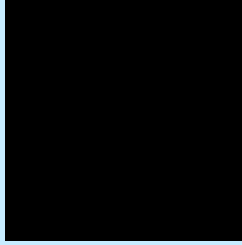
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

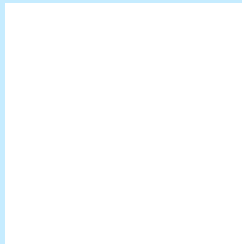
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C6ECFF Background



This preview shows how black text looks on a background with the Hex color C6ECFF.

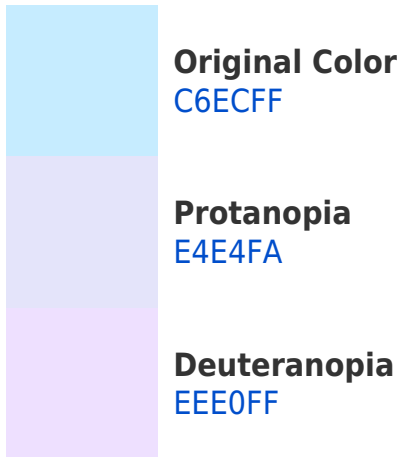


This preview shows how white text looks on a background with the Hex color C6ECFF.

# Color Blindness Simulation

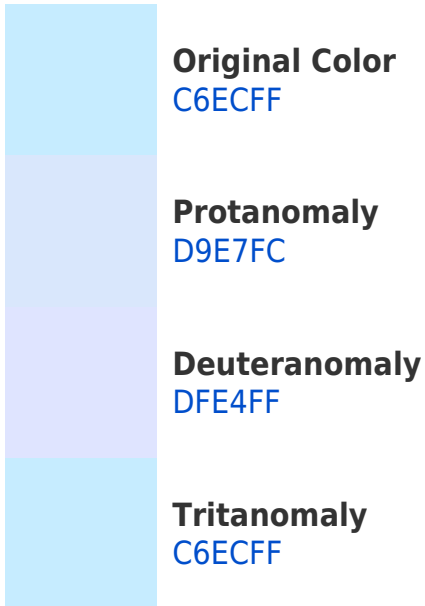
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

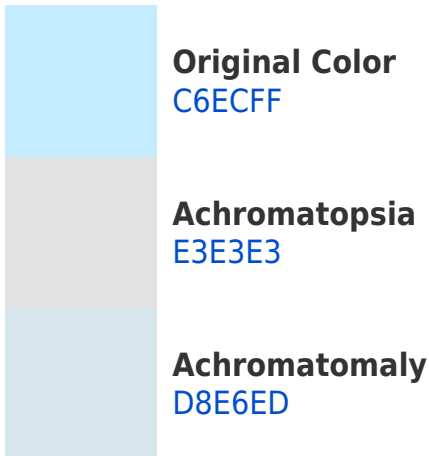




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6ECFF 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 #C6ECFF looks like.

```
.text, #text, p{  
    color:#C6ECFF  
}
```

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 #C6ECFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6ECFF
}
```

## Border

The CSS property to change the border of an element to Hex C6ECFF 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
#C6ECFF }
```

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

```
.border{ border-color:#C6ECFF }
```

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

Here you see how a box with a 4 pixel #C6ECFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6ECFF; -webkit-box-shadow:4px 4px  
4px 4px #C6ECFF; box-shadow:4px 4px 4px  
4px #C6ECFF }
```

# Background

The CSS property to change the background color of an element to Hex C6ECFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6ECFF }
```

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

```
.background{ background-color:#C6ECFF }
```

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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