

# Converting Colors

Hex(77C1EE)

Have a look what the booklet for  
Hex(77C1EE) contains.

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# **Color**

**Hex(77C1EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77C1EE
RGB	119, 193, 238
RGB Percent	47%, 76%, 93%
CMY	0.5333, 0.2431, 0.0667
CMYK	0.50, 0.19, 0.00, 0.07
HSL	203°, 78%, 70%
HSV	203°, 50%, 93%
XYZ	42.1103, 48.2349, 87.9797
YIQ	176.0040, -58.5490, -1.6930

# Conversions

## Conversions Part 2

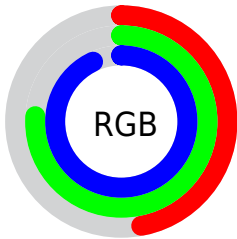
Format	Color
R <sub>YB</sub>	119, 165, 238
Decimal	7848430
CIE <sub>Lab</sub>	74.97, -10.95, -29.43
CIE <sub>LCh</sub>	75, 31.404, 249.587
Y <sub>xy</sub>	48.2349, 0.2361, 0.2705
Android (android.graphics.Color)	4286038510 (0xFF77C1EE)
YUV	176.0040, 30.5640, -49.9925
Hunter-Lab	69.4514, -13.3103, -26.4916

# Details

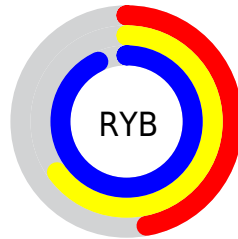
The Hex color **77C1EE** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EEA477**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **B1F9FF**, and **3A8CB6** is the 20% darker color. If you saturate the color by 10%, you get **5FB8EE**, and if you desaturate by 10%, it is **8FCAEE**.

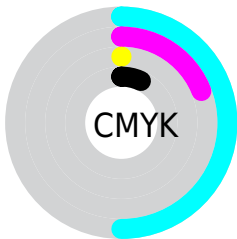
# Distribution



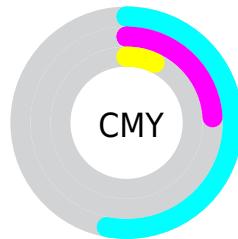
- Red (47%)
- Green (76%)
- Blue (93%)



- Red (47%)
- Yellow (65%)
- Blue (93%)



- Cyan (50%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)



- Cyan (53%)
- Magenta (24%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77C1EE 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 77C1EE by changing the saturation by 10% instead.



 77C1EE

 77C1EE

FFFFFF

 5AA6D2

 B1F9FF

 3A8CB6

 CEFFFF

 10729B

 ECFFFF

 005A81

 004268

 002C4F

 001938

 000222

 000009

■ 77C1EE

■ 77C1EE

■ 5FB8EE

■ 8FCAEE

■ 47AFEE

■ A7D3EE

■ 30A6EE

■ BEDCEE

■ 189DEE

■ D6E5EE

■ 0094EE

■ EEEEEE

■ FFF7EE

■ FFFFEE

# Harmonies

## Analogous

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



5DC7DC



77C1EE



A1B8F1

# Triad

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



77C1EE



F2A3B0



A4C28B

# Complementary

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



77C1EE



EEA477

# 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.



C4BA7F



77C1EE



EFA795

# Square

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



77C1EE



E5A6CD



DEB083



82C7A3

# Rectangle

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



77C1EE



BCB1EB



DEB083



AFBF86

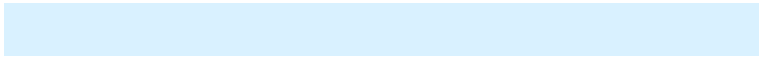


# Sweetspot

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



77C1EE



D9F1FF



77EEA3



697780



000000



808080

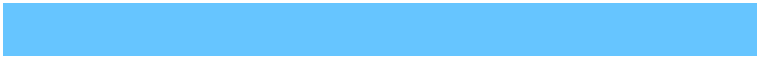


# Same Dimension

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



77C1EE



66C5FF



7787EE



6C7378



0072B8



002338



# Inverse Universe

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



EE77C1



FF66C5



EEDE77



786C73



B80072

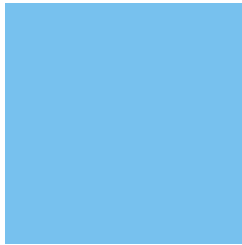


380023



# Previews

## White Background



This preview shows how the Hex color 77C1EE looks on a white background.

## Color Contrast Check

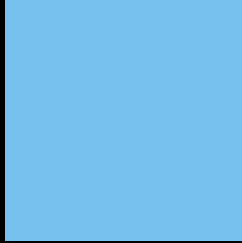
Large Text (above 18pt) WCAG AA × Fail

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 77C1EE 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

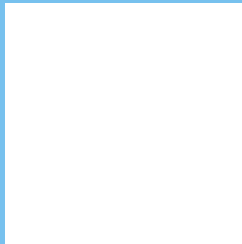
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 77C1EE Background



This preview shows how black text looks on a background with the Hex color 77C1EE.

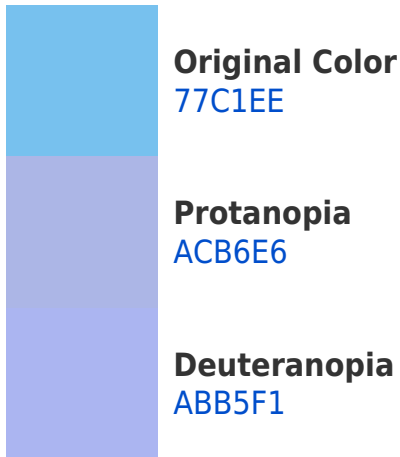


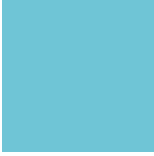
This preview shows how white text looks on a background with the Hex color 77C1EE.

# 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



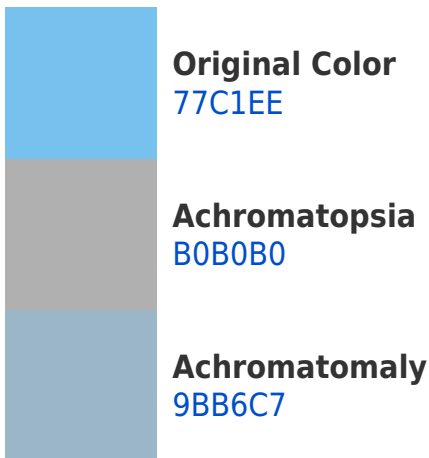


**Tritanopia**  
6FC5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77C1EE 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 #77C1EE looks like.

```
.text, #text, p{  
    color:#77C1EE  
}
```

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 #77C1EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77C1EE
}
```

## Border

The CSS property to change the border of an element to Hex 77C1EE 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
#77C1EE }
```

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

```
.border{ border-color:#77C1EE }
```

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

Here you see how a box with a 4 pixel #77C1EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77C1EE; -webkit-box-shadow:4px 4px  
4px 4px #77C1EE; box-shadow:4px 4px 4px  
4px #77C1EE }
```

# Background

The CSS property to change the background color of an element to Hex 77C1EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77C1EE }
```

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

```
.background{ background-color:#77C1EE }
```

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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