

# Converting Colors

Hex(77C1E7)

Have a look what the booklet for  
Hex(77C1E7) contains.

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# **Color**

**Hex(77C1E7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77C1E7
RGB	119, 193, 231
RGB Percent	47%, 76%, 91%
CMY	0.5333, 0.2431, 0.0941
CMYK	0.48, 0.16, 0.00, 0.09
HSL	200°, 70%, 69%
HSV	200°, 48%, 91%
XYZ	41.1015, 47.8314, 82.6674
YIQ	175.2060, -56.3020, -3.8700

# Conversions

## Conversions Part 2

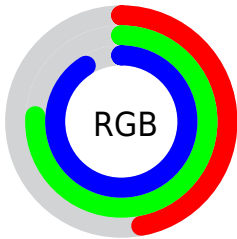
Format	Color
R <sub>Y</sub> B	119, 164, 231
Decimal	7848423
CIE Lab	74.72, -12.93, -26.04
CIE LCh	75, 29.074, 243.605
Yxy	47.8314, 0.2395, 0.2787
Android (android.graphics.Color)	4286038503 (0xFF77C1E7)
YUV	175.2060, 27.5064, -49.2927
Hunter-Lab	69.1602, -14.9489, -22.4573

# Details

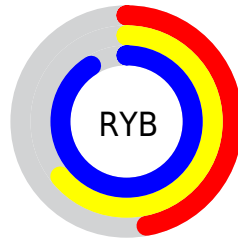
The Hex color **77C1E7** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E79D77**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **B1F9FF**, and **3C8BAF** is the 20% darker color. If you saturate the color by 10%, you get **60B9E7**, and if you desaturate by 10%, it is **8EC9E7**.

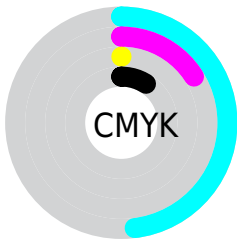
# Distribution



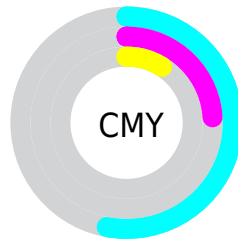
- Red (47%)
- Green (76%)
- Blue (91%)



- Red (47%)
- Yellow (64%)
- Blue (91%)



- Cyan (48%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



- Cyan (53%)
- Magenta (24%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77C1E7 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 77C1E7 by changing the saturation by 10% instead.



77C1E7

77C1E7

FFFFFF

5AA6CB

B1F9FF

3C8BAF

CEFFFF

157295

EBFFFF

00597B

004262

002C4A

001833

00021E

000000

 77C1E7

 77C1E7

 60B9E7

 8EC9E7

 49B1E7

 A5D1E7

 32A9E7

 BCD9E7

 1BA2E7

 D3E0E7

 039AE7

 EBE8E7

 0099E7

 FFF0E7

 FFF8E7

 FFFFE7

# Harmonies

## Analogous

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



66C6D4



77C1E7



9BB9ED

# Triad

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



77C1E7



ECA4B6



ABBF8B

# Complementary

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



77C1E7



E79D77

# 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.



C8B782



77C1E7



ECA79C

# Square

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



77C1E7



DDA8D0



DFAE89



8CC59F

# Rectangle

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



77C1E7



B4B3E9



DFAE89



B5BD86

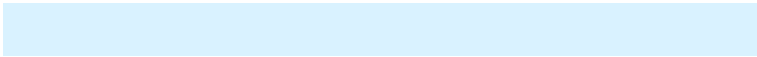


# Sweetspot

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



77C1E7



D9F2FF



77E79C



697880



000000



808080

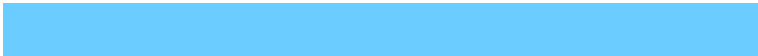


# Same Dimension

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



77C1E7



6BCDFF



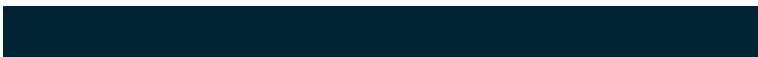
778AE7



676F73



0076B3



002233



# Inverse Universe

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



E777C1



FF6BCD



E7D477



73676F



B30076

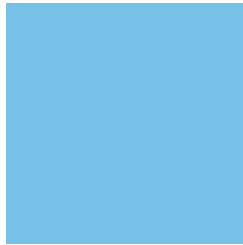


330022



# Previews

## White Background



This preview shows how the Hex color 77C1E7 looks on a white background.

## Color Contrast Check

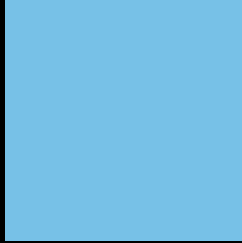
Large Text (above 18pt) WCAG AA × Fail

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 77C1E7 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 77C1E7 Background



This preview shows how black text looks on a background with the Hex color 77C1E7.



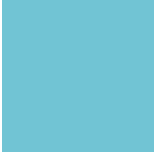
This preview shows how white text looks on a background with the Hex color 77C1E7.

# 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](#).

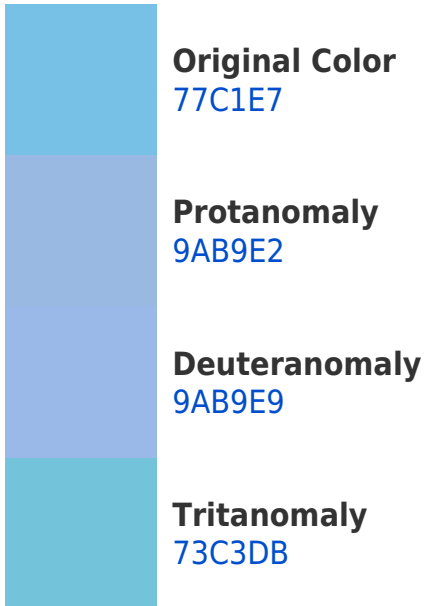
## Dichromacy



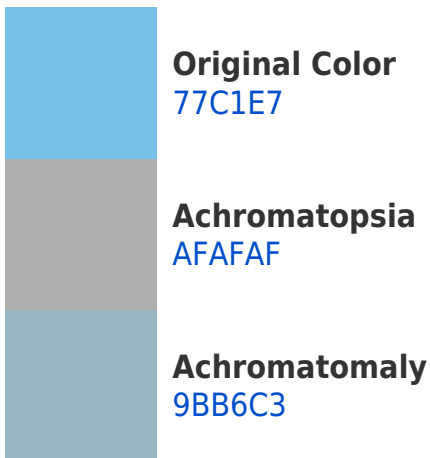


**Tritanopia**  
71C4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77C1E7 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 #77C1E7 looks like.

```
.text, #text, p{  
    color:#77C1E7  
}
```

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 #77C1E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77C1E7
}
```

## Border

The CSS property to change the border of an element to Hex 77C1E7 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
#77C1E7 }
```

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

```
.border{ border-color:#77C1E7 }
```

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

Here you see how a box with a 4 pixel #77C1E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77C1E7; -webkit-box-shadow:4px 4px  
4px 4px #77C1E7; box-shadow:4px 4px 4px  
4px #77C1E7 }
```

# Background

The CSS property to change the background color of an element to Hex 77C1E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77C1E7 }
```

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

```
.background{ background-color:#77C1E7 }
```

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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