

# Converting Colors

Hex(74C0EE)

Have a look what the booklet for  
Hex(74C0EE) contains.

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# **Color**

**Hex(74C0EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74C0EE
RGB	116, 192, 238
RGB Percent	45%, 75%, 93%
CMY	0.5451, 0.2471, 0.0667
CMYK	0.51, 0.19, 0.00, 0.07
HSL	203°, 78%, 69%
HSV	203°, 51%, 93%
XYZ	41.4847, 47.5853, 87.8873
YIQ	174.5200, -60.0620, -1.8060

# Conversions

## Conversions Part 2

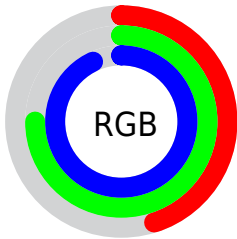
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	116, 163, 238
Decimal	7651566
CIE Lab	74.56, -11.08, -30.07
CIE LCh	75, 32.051, 249.772
Yxy	47.5853, 0.2344, 0.2689
Android (android.graphics.Color)	4285841646 (0xFF74C0EE)
YUV	174.5200, 31.2956, -51.3220
Hunter-Lab	68.9821, -13.3717, -27.2515

# Details

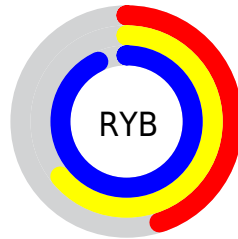
The Hex color **74C0EE** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EEA274**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **AEF8FF**, and **368BB6** is the 20% darker color. If you saturate the color by 10%, you get **5CB7EE**, and if you desaturate by 10%, it is **8CC9EE**.

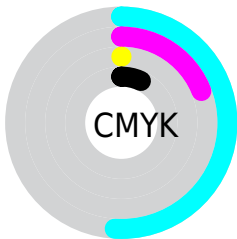
# Distribution



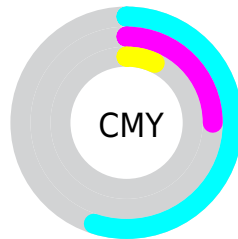
- Red (45%)
- Green (75%)
- Blue (93%)



- Red (45%)
- Yellow (64%)
- Blue (93%)



- Cyan (51%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)



- Cyan (55%)
- Magenta (25%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74C0EE 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 74C0EE by changing the saturation by 10% instead.



 74C0EE

 74C0EE

FFFFFF

 56A5D2

 AEF8FF

 368BB6

 CCFFFF

 03719B

 E9FFFF

 005981

 004168

 002B4F

 001838

 000222

 000008

 74C0EE

 74C0EE

 5CB7EE

 8CC9EE

 44AEEE

 A4D2EE

 2DA5EE

 BBDBEE

 159CEE

 D3E4EE

 0094EE

 EBEDEE

 FFF6EE

 FFFFEE

# Harmonies

## Analogous

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



59C6DC



74C0EE



9FB7F1

# Triad

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



74C0EE



F2A1AF



A2C189

# Complementary

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



74C0EE



EEA274

# 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.



C3B97D



74C0EE



EFA693

# Square

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



74C0EE



E5A4CC



DDAF81



7FC6A2

# Rectangle

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



74C0EE



BBB0EB



DDAF81



ADBE84

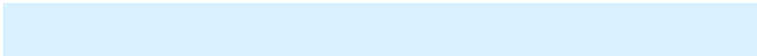


# Sweetspot

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



74C0EE



D9F1FF



74EEA1



697780



000000



808080

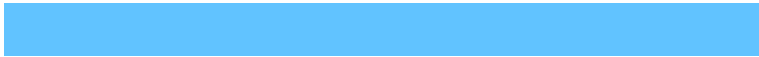


# Same Dimension

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



74C0EE



61C3FF



7484EE



6C7378



0072B8



002338



# Inverse Universe

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



EE74C0



FF61C3



EEDE74



786C73



B80072

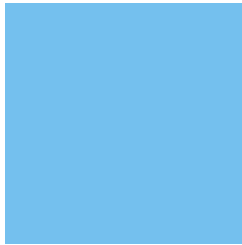


380023



# Previews

## White Background



This preview shows how the Hex color 74C0EE looks on a white background.

## Color Contrast Check

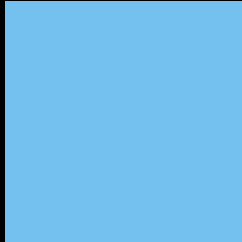
Large Text (above 18pt) WCAG AA × Fail

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 74C0EE 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

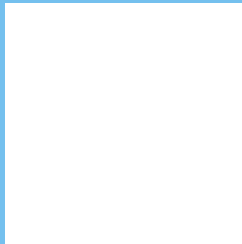
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 74C0EE Background



This preview shows how black text looks on a background with the Hex color 74C0EE.

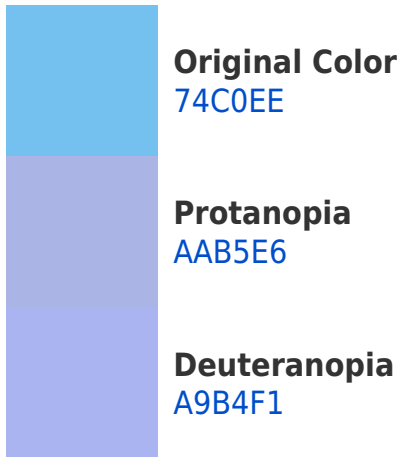


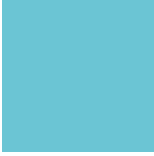
This preview shows how white text looks on a background with the Hex color 74C0EE.

# 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



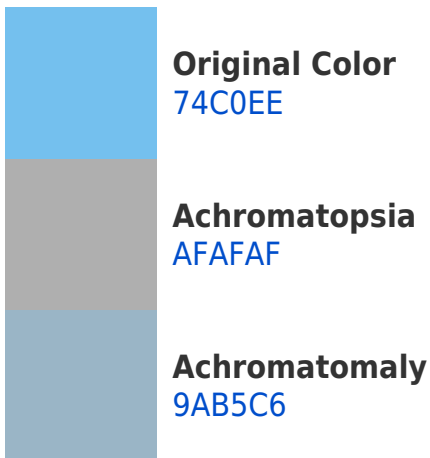


**Tritanopia**  
6BC5D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74C0EE 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 #74C0EE looks like.

```
.text, #text, p{  
    color:#74C0EE  
}
```

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 #74C0EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74C0EE
}
```

## Border

The CSS property to change the border of an element to Hex 74C0EE 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
#74C0EE }
```

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

```
.border{ border-color:#74C0EE }
```

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

Here you see how a box with a 4 pixel #74C0EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74C0EE; -webkit-box-shadow:4px 4px  
4px 4px #74C0EE; box-shadow:4px 4px 4px  
4px #74C0EE }
```

# Background

The CSS property to change the background color of an element to Hex 74C0EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74C0EE }
```

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

```
.background{ background-color:#74C0EE }
```

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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