

# Converting Colors

Hex(7CC6EF)

Have a look what the booklet for  
Hex(7CC6EF) contains.

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# **Color**

**Hex(7CC6EF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7CC6EF
RGB	124, 198, 239
RGB Percent	49%, 78%, 94%
CMY	0.5137, 0.2235, 0.0627
CMYK	0.48, 0.17, 0.00, 0.06
HSL	201°, 78%, 71%
HSV	201°, 48%, 94%
XYZ	44.0863, 50.9052, 89.1635
YIQ	180.5480, -57.2650, -2.9370

# Conversions

## Conversions Part 2

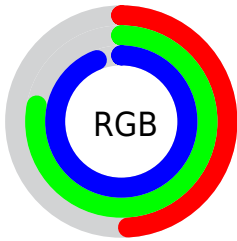
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 169, 239
Decimal	8177391
CIELab	76.62, -12.19, -27.42
CIElCh	77, 30.008, 246.035
Yxy	50.9052, 0.2394, 0.2764
Android (android.graphics.Color)	4286367471 (0xFF7CC6EF)
YUV	180.5480, 28.8168, -49.5926
Hunter-Lab	71.3479, -14.5628, -24.1511

# Details

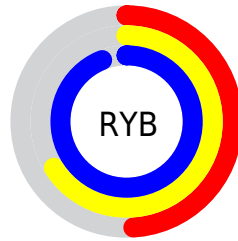
The Hex color **7CC6EF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EFA57C**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **B6FFFF**, and **4190B7** is the 20% darker color. If you saturate the color by 10%, you get **64BDEF**, and if you desaturate by 10%, it is **94CFEF**.

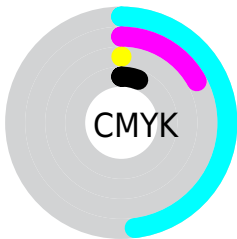
# Distribution



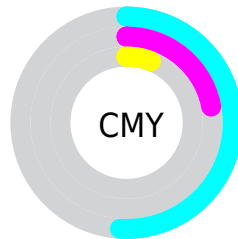
- Red (49%)
- Green (78%)
- Blue (94%)



- Red (49%)
- Yellow (66%)
- Blue (94%)



- Cyan (48%)
- Magenta (17%)
- Yellow (0%)
- Black (6%)



- Cyan (51%)
- Magenta (22%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CC6EF 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 7CC6EF by changing the saturation by 10% instead.



 7CC6EF

 7CC6EF

FFFFFF

 5FABD3

 B6FFFF

 4190B7

 D3FFFF

 1C779C

 F1FFFF

 005E82

 004668

 003050

 001C39

 000223

 00000B

 7CC6EF

 7CC6EF

 64BDEF

 94CFEF

 4CB5EF

 ACD7EF

 34ACEF

 C4E0EF

 1CA4EF

 DCE8EF

 049BEF

 F3F1EF

 009AEF

 FFF9EF

 FFFFEF

# Harmonies

## Analogous

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



68CBDD



7CC6EF



A2BEF4

# Triad

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



7CC6EF



F4A9B8



ADC590

# Complementary

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



7CC6EF



EFA57C

# 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.



CBBD86



7CC6EF



F3AC9E

# Square

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



7CC6EF



E5ACD4



E4B48B



8DCBA6

# Rectangle

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



7CC6EF



BCB7EF



E4B48B



B8C38B

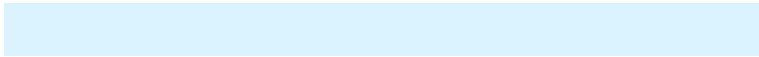


# Sweetspot

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



7CC6EF



DBF2FF



7CEFA4



6A7880



000000



808080

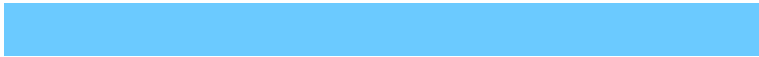


# Same Dimension

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



7CC6EF



6BCAFF



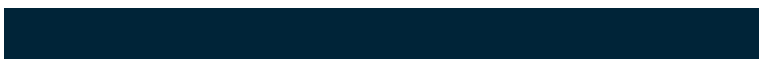
7C8DEF



6C7478



0076B8



002438



# Inverse Universe

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



EF7CC6



FF6BCA



EFDE7C



786C74



B80076

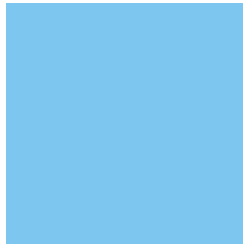


380024



# Previews

## White Background



This preview shows how the Hex color 7CC6EF looks on a white background.

## Color Contrast Check

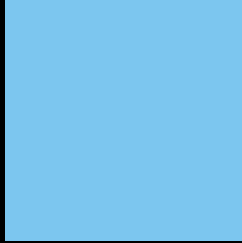
Large Text (above 18pt) WCAG AA × Fail

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 7CC6EF 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 7CC6EF Background



This preview shows how black text looks on a background with the Hex color 7CC6EF.

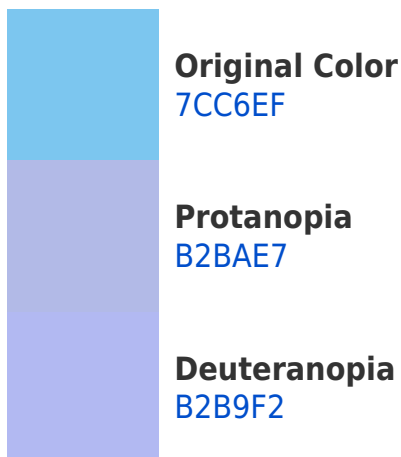


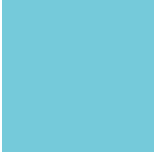
This preview shows how white text looks on a background with the Hex color 7CC6EF.

# Color Blindness Simulation

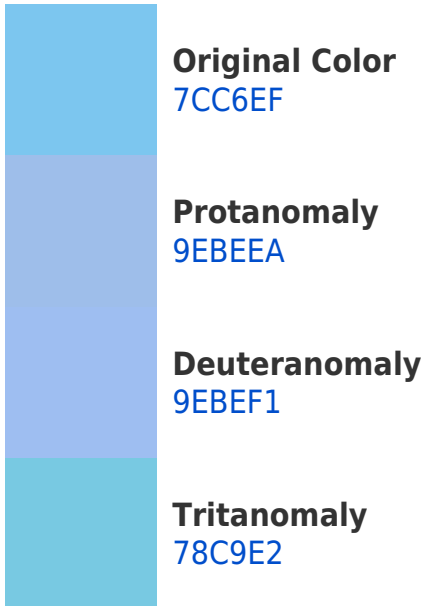
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

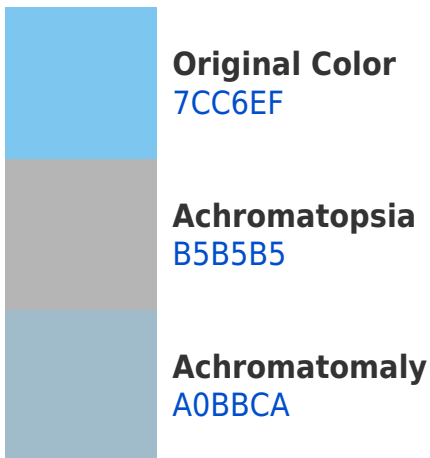




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CC6EF 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 #7CC6EF looks like.

```
.text, #text, p{  
    color:#7CC6EF  
}
```

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 #7CC6EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CC6EF
}
```

## Border

The CSS property to change the border of an element to Hex 7CC6EF 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
#7CC6EF }
```

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

```
.border{ border-color:#7CC6EF }
```

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

Here you see how a box with a 4 pixel #7CC6EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CC6EF; -webkit-box-shadow:4px 4px  
4px 4px #7CC6EF; box-shadow:4px 4px 4px  
4px #7CC6EF }
```

# Background

The CSS property to change the background color of an element to Hex 7CC6EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CC6EF }
```

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

```
.background{ background-color:#7CC6EF }
```

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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