

# Converting Colors

Hex(7CCFEE)

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

|                                                |    |
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# **Color**

**Hex(7CCFEE)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 7CCFEE                      |
| RGB         | 124, 207, 238               |
| RGB Percent | 49%, 81%, 93%               |
| CMY         | 0.5137, 0.1882, 0.0667      |
| CMYK        | 0.48, 0.13, 0.00, 0.07      |
| HSL         | 196°, 77%, 71%              |
| HSV         | 196°, 48%, 93%              |
| XYZ         | 46.0576, 55.0838, 89.0937   |
| YIQ         | 185.7170, -59.4190, -7.9550 |

# Conversions

## Conversions Part 2

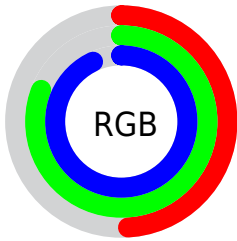
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 124, 172, 238                  |
| Decimal                             | 8179694                        |
| CIELab                              | 79.09, -17.14, -23.12          |
| CIELCh                              | 79, 28.779, 233.444            |
| Yxy                                 | 55.0838, 0.2421,<br>0.2896     |
| Android<br>(android.graphics.Color) | 4286369774<br>(0xFF7CCFEE)     |
| YUV                                 | 185.7170, 25.7755,<br>-54.1258 |
| Hunter-Lab                          | 74.2184, -19.1108,<br>-19.2203 |

# Details

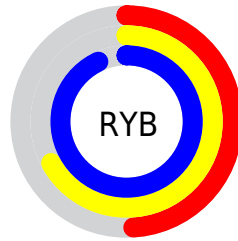
The Hex color **7CCFEE** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EE9B7C**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **B6FFFF**, and **4099B6** is the 20% darker color. If you saturate the color by 10%, you get **64C9EE**, and if you desaturate by 10%, it is **94D5EE**.

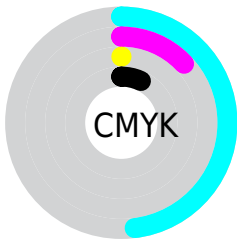
# Distribution



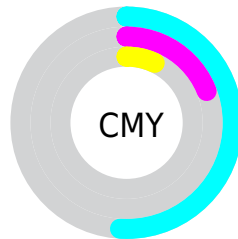
- Red (49%)
- Green (81%)
- Blue (93%)



- Red (49%)
- Yellow (67%)
- Blue (93%)



- Cyan (48%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)



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

# Brightness & Saturation Gradients

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



 7CCFEE

 7CCFEE

FFFFFF

 5FB3D2

 B6FFFF

 4099B6

 D3FFFF

 1A7F9B

 F1FFFF

 006581

 004D68

 003650

 002139

 000223

 00000A

 7CCFEE

 7CCFEE

 64C9EE

 94D5EE

 4CC2EE

 ACDCEE

 35BCEE

 C3E2EE

 1DB5EE

 DBE9EE

 05AFEE

 F3EFEE

 00ADEE

 FFF6EE

 FFFCEE

 FFFFEE

# Harmonies

## Analogous

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



75D3D8



7CCFEE



9AC8F8

# Triad

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



7CCFEE



F5B1CB



C1C992

# Complementary

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



7CCFEE



EE9B7C

# 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.



DDC08F



7CCFEE



FAB1B0

# Square

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



7CCFEE



E1B6E4



F1B79A



A3CFA3

# Rectangle

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



7CCFEE



B4C2F8



F1B79A



CBC690

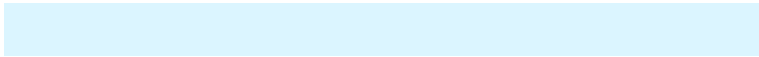


# Sweetspot

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



7CCFEE



DBF5FF



7CEE9A



6A7A80



000000



808080



# Same Dimension

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



7CCFEE



6ED7FF



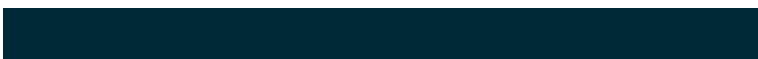
7C97EE



6C7578



0086B8



002938



# Inverse Universe

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



EE7CCF



FF6ED7



EED37C



786C75



B80086

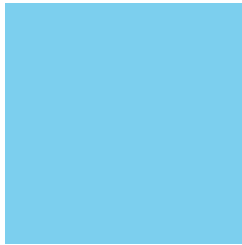


380029



# Previews

## White Background



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

## Color Contrast Check

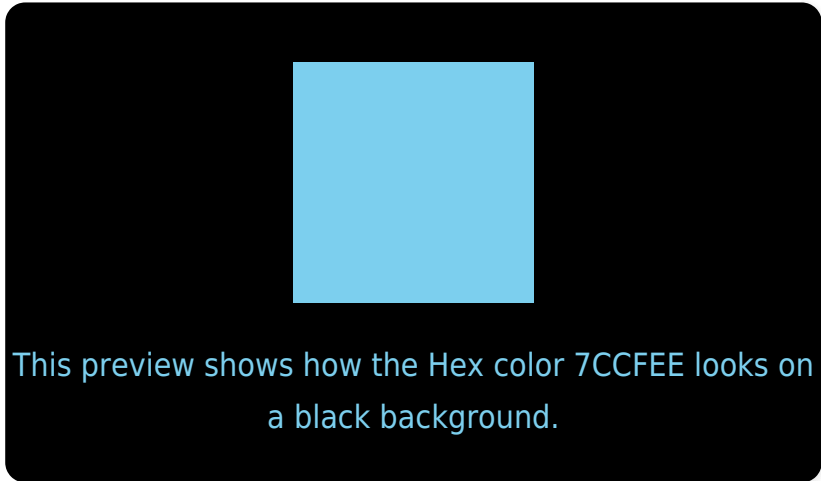
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

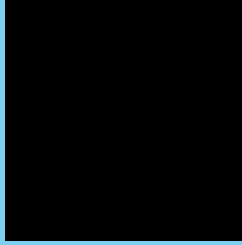
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7CCFEE Background



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

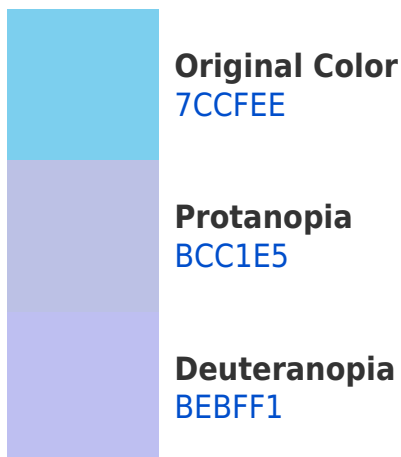


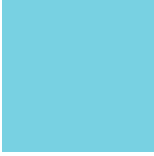
This preview shows how white text looks on a background with the Hex color 7CCFEE.

# 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](#).

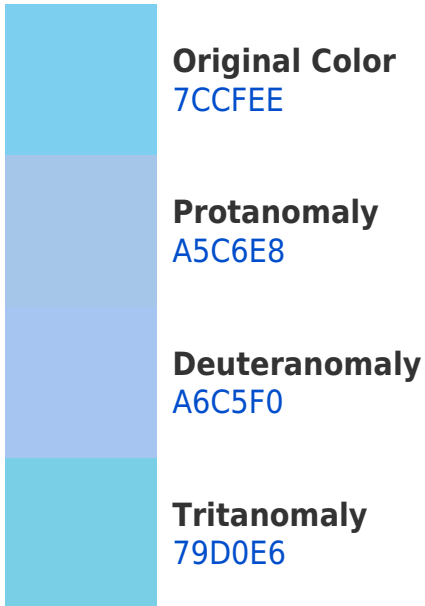
## Dichromacy



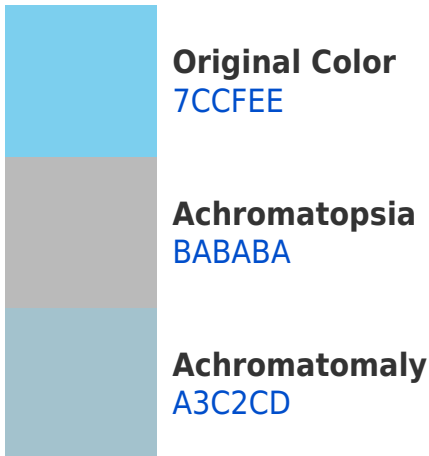


**Tritanopia**  
78D1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #7CCFEE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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