

# Converting Colors

Hex(7CEEFA)

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

|  |    |
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# **Color**

**Hex(7CEEFA)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 7CEEFA                       |
| RGB         | 124, 238, 250                |
| RGB Percent | 49%, 93%, 98%                |
| CMY         | 0.5137, 0.0667, 0.0196       |
| CMYK        | 0.50, 0.05, 0.00, 0.02       |
| HSL         | 186°, 93%, 73%               |
| HSV         | 186°, 50%, 98%               |
| XYZ         | 56.1420, 72.3363, 101.4458   |
| YIQ         | 205.2820, -71.7960, -20.4360 |

# Conversions

## Conversions Part 2

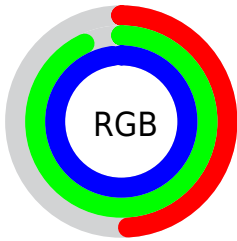
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">124, 184, 250</a>               |
| Decimal                             | <a href="#">8187642</a>                     |
| CIELab                              | <a href="#">88.13, -29.32, -15.80</a>       |
| CIElCh                              | <a href="#">88, 33.305, 208.328</a>         |
| Yxy                                 | <a href="#">72.3363, 0.2442, 0.3146</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4286377722<br/>(0xFF7CEEFA)</a> |
| YUV                                 | <a href="#">205.2820, 22.0460, -71.2843</a> |
| Hunter-Lab                          | <a href="#">85.0507, -31.0109, -11.1837</a> |

# Details

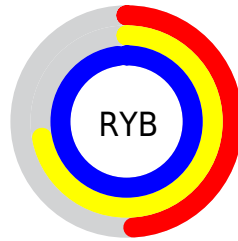
The Hex color **7CEEFA** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FA887C**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **B8FFFF**, and **3BB6C2** is the 20% darker color. If you saturate the color by 10%, you get **63ECFA**, and if you desaturate by 10%, it is **95F0FA**.

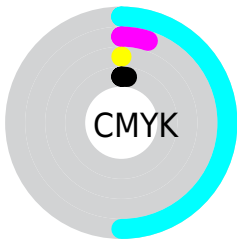
# Distribution



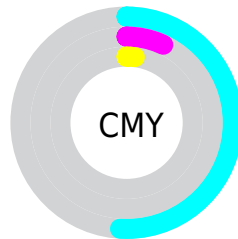
- Red (49%)
- Green (93%)
- Blue (98%)



- Red (49%)
- Yellow (72%)
- Blue (98%)



- Cyan (50%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (51%)
- Magenta (7%)
- Yellow (2%)

# Brightness & Saturation Gradients

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



 7CEEFA

 7CEEFA

FFFFFF

 5DD2DD

 B8FFFF

 3BB6C2

 D6FFFF

 009BA6

 F5FFFF

 00808C

 006772

 004E5A

 003743

 00232C

 000118

 7CEEFA

 7CEEFA

 63ECFA

 95F0FA

 4AE9FA

 AEF3FA

 31E7FA

 C7F5FA

 18E4FA

 E0F8FA

 00E2FA

 F9FAFA

 FFFCFA

 FFFFFA

# Harmonies

## Analogous

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



8EEFDA



7CEEFA



8AE9FF

# Triad

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



7CEEFA



FFCBFF



F6DA9E

# Complementary

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



7CEEFA



FA887C

# 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.



FFD0A8



7CEEFA



FFC6E0

# Square

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



7CEEFA



DFD6FF



FFC8C0



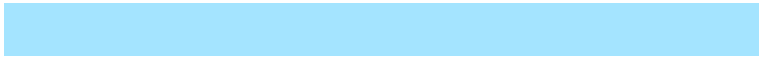
D4E4A5

# Rectangle

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



7CEEFA



A4E4FF



FFC8C0



FFD79F

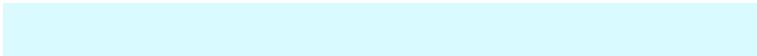


# Sweetspot

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



7CEEFA



D9FBFF



7CFA86



697D80



000000



808080



# Same Dimension

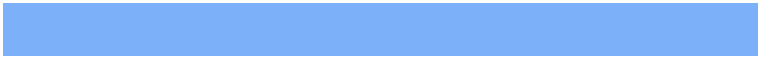
The Same Dimension uses a secret algorithm to generate beautiful new colors.



7CEEFA



66F0FF



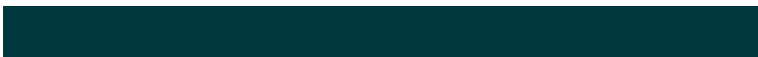
7CB1FA



707C7D



00ABBD



00373D



# Inverse Universe

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



FA7CEE



FF66F0



FAC67C



7D707C



BD00AB

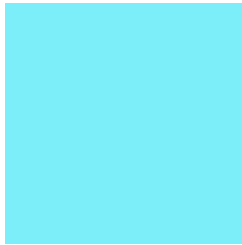


3D0037



# Previews

## White Background



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

## Color Contrast Check

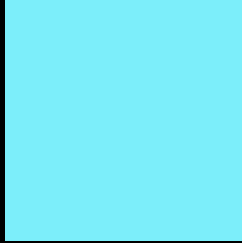
Large Text (above 18pt) WCAG AA × Fail

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 7CEEFA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

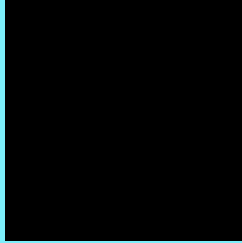
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7CEEFA Background



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

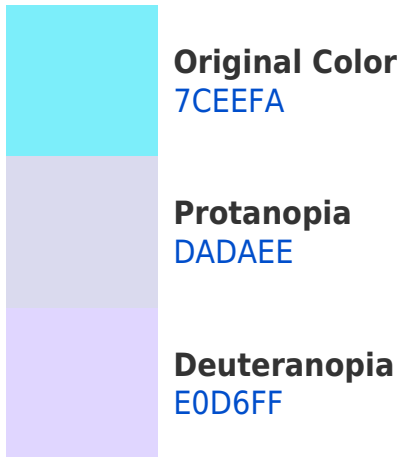


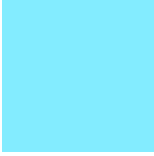
This preview shows how white text looks on a background with the Hex color 7CEEFA.

# 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



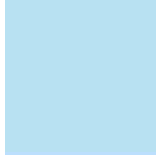


**Tritanopia**  
83ECFF

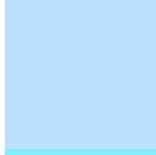
# Trichromacy



**Original Color**  
7CEEFA



**Protanomaly**  
B8E1F2



**Deuteranomaly**  
BCDFFD

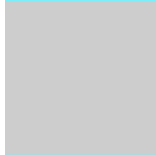


**Tritanomaly**  
80EDFD

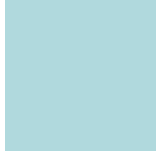
# Monochromacy



**Original Color**  
7CEEFA



**Achromatopsia**  
CDCDCD



**Achromatomaly**  
B0D9DD

# CSS Examples

## Text

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

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

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 #7CEEFA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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