

# Converting Colors

Hex(7EC1FF)

Have a look what the booklet for  
Hex(7EC1FF) contains.

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# **Color**

**Hex(7EC1FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EC1FF
RGB	126, 193, 255
RGB Percent	49%, 76%, 100%
CMY	0.5059, 0.2431, 0.0000
CMYK	0.51, 0.24, 0.00, 0.00
HSL	209°, 100%, 75%
HSV	209°, 51%, 100%
XYZ	45.7241, 49.7955, 101.8093
YIQ	180.0350, -59.8340, 5.0780

# Conversions

## Conversions Part 2

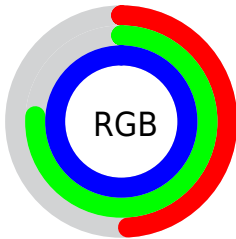
Format	Color
<a href="#">RYB</a>	<a href="#">126, 170, 255</a>
Decimal	<a href="#">8307199</a>
CIELab	<a href="#">75.94, -4.53, -37.05</a>
CIElCh	<a href="#">76, 37.324, 263.027</a>
Yxy	<a href="#">49.7955, 0.2317, 0.2523</a>
Android (android.graphics.Color)	<a href="#">4286497279</a> <a href="#">(0xFF7EC1FF)</a>
YUV	<a href="#">180.0350, 36.9577, -47.3887</a>
Hunter-Lab	<a href="#">70.5660, -7.8290, -36.1447</a>

# Details

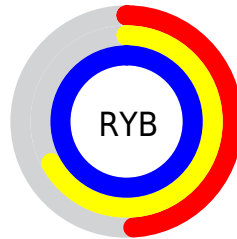
The Hex color **7EC1FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFBC7E**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **B9F9FF**, and **418CC6** is the 20% darker color. If you saturate the color by 10%, you get **65B5FF**, and if you desaturate by 10%, it is **98CDFF**.

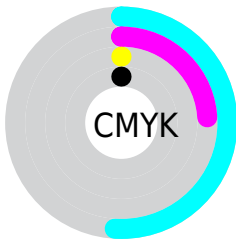
# Distribution



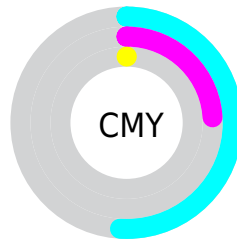
- Red (49%)
- Green (76%)
- Blue (100%)



- Red (49%)
- Yellow (67%)
- Blue (100%)



- Cyan (51%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (24%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EC1FF 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 7EC1FF by changing the saturation by 10% instead.



 7EC1FF

 7EC1FF

FFFFFF

 60A6E2

 B9F9FF

 418CC6

 D6FFFF

 1972AB

 F4FFFF

 005A90

 004376

 002D5D

 001945

 00042E

 000119

 7EC1FF

 7EC1FF

 65B5FF

 98CFFF

 4BA8FF

 B1DAFF

 319CFF

 CBE6FF

 1890FF

 E4F2FF

 0084FF

FEFEFF

FFFFFF

# Harmonies

## Analogous

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



4AC9F1



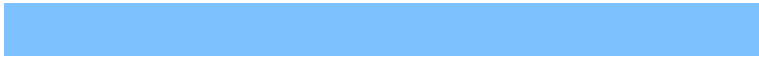
7EC1FF



B4B5FA

# Triad

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



7EC1FF



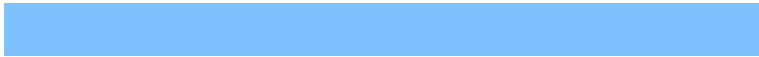
FFA2A2



8FC991

# Complementary

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



7EC1FF



FFBC7E

# 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.



B7C17B



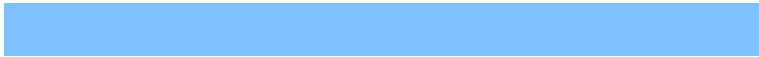
7EC1FF



F3AB85

# Square

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



7EC1FF



F9A2C5



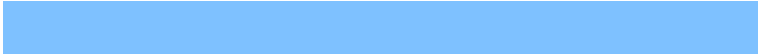
DAB677



65CDB2

# Rectangle

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



7EC1FF



D3ADEE



DAB677

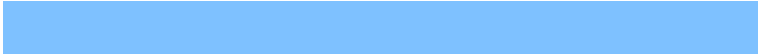


9DC788

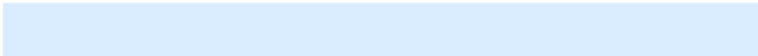


# Sweetspot

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



7EC1FF



D9EDFF



7EFFBA



697480



000000

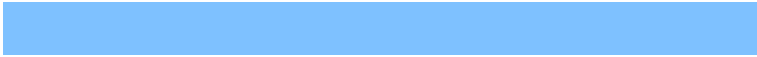


808080



# Same Dimension

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



7EC1FF



63B4FF



7E82FF



737980



0063BF



002140



# Inverse Universe

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



FF7EC1



FF63B4



FFFB7E



807379



BF0063



400021



# Previews

## White Background



This preview shows how the Hex color 7EC1FF looks on a white background.

## Color Contrast Check

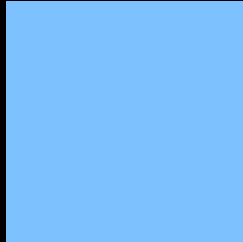
Large Text (above 18pt) WCAG AA × Fail

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 7EC1FF 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

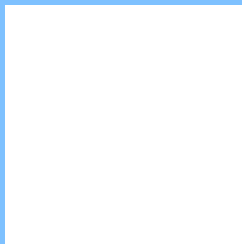
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7EC1FF Background



This preview shows how black text looks on a background with the Hex color 7EC1FF.

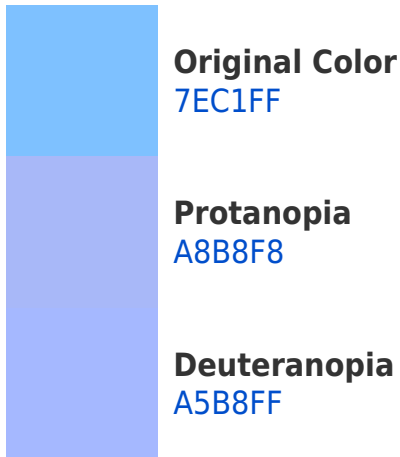


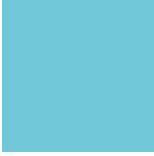
This preview shows how white text looks on a background with the Hex color 7EC1FF.

# 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](#).

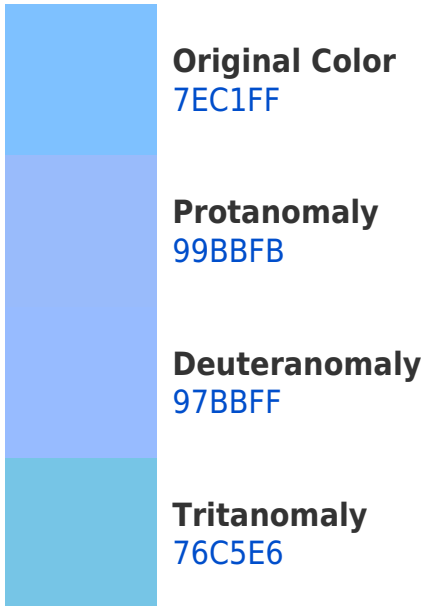
## Dichromacy





**Tritanopia**  
71C8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EC1FF 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 #7EC1FF looks like.

```
.text, #text, p{  
    color:#7EC1FF  
}
```

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 #7EC1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EC1FF  
}
```

## Border

The CSS property to change the border of an element to Hex 7EC1FF 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  
#7EC1FF }
```

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

```
.border{ border-color:#7EC1FF }
```

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

Here you see how a box with a 4 pixel #7EC1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EC1FF; -webkit-box-shadow:4px 4px  
4px 4px #7EC1FF; box-shadow:4px 4px 4px  
4px #7EC1FF }
```

# Background

The CSS property to change the background color of an element to Hex 7EC1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EC1FF }
```

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

```
.background{ background-color:#7EC1FF }
```

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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