

# Converting Colors

Hex(7EB7FF)

Have a look what the booklet for  
Hex(7EB7FF) contains.

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# **Color**

**Hex(7EB7FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EB7FF
RGB	126, 183, 255
RGB Percent	49%, 72%, 100%
CMY	0.5059, 0.2824, 0.0000
CMYK	0.51, 0.28, 0.00, 0.00
HSL	213°, 100%, 75%
HSV	213°, 51%, 100%
XYZ	43.5877, 45.5226, 101.0972
YIQ	174.1650, -57.0840, 10.3080

# Conversions

## Conversions Part 2

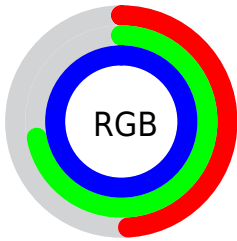
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">126, 166, 255</a>
Decimal	<a href="#">8304639</a>
CIELab	<a href="#">73.23, 0.95, -41.26</a>
CIElCh	<a href="#">73, 41.272, 271.312</a>
Yxy	<a href="#">45.5226, 0.2292, 0.2393</a>
Android (android.graphics.Color)	<a href="#">4286494719</a> ( <a href="#">0xFF7EB7FF</a> )
YUV	<a href="#">174.1650, 39.8517, -42.2407</a>
Hunter-Lab	<a href="#">67.4704, -2.7576, -41.6104</a>

# Details

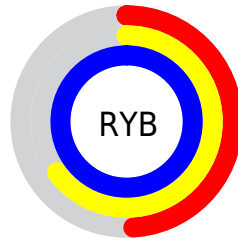
The Hex color **7EB7FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFC67E**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **B9EFFF**, and **4182C6** is the 20% darker color. If you saturate the color by 10%, you get **65A9FF**, and if you desaturate by 10%, it is **98C5FF**.

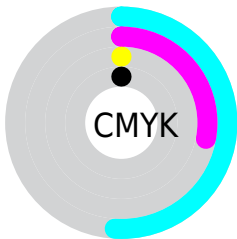
# Distribution



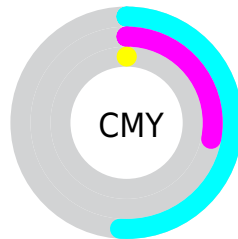
- Red (49%)
- Green (72%)
- Blue (100%)



- Red (49%)
- Yellow (65%)
- Blue (100%)



- Cyan (51%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (28%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EB7FF 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 7EB7FF by changing the saturation by 10% instead.



 7EB7FF

 7EB7FF

FFFFFF

 609CE2

 B9EFFF

 4182C6

 D6FFFF

 1969AA


 F4FFFF

 005290

 003B76

 00265D

 001145

 00032E

 000118

 7EB7FF


 7EB7FF

 65A9FF

 98C5FF

 4B9BFF

 B1D3FF

 318CFF

 CBE2FF

 187EFF

 E4F0FF

 0071FF

FEFEFF

FFFFFF

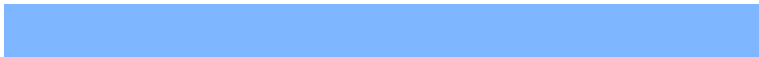
# Harmonies

## Analogous

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



31C1F5



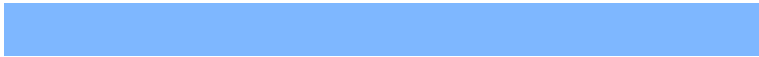
7EB7FF



BAA9F4

# Triad

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



7EB7FF



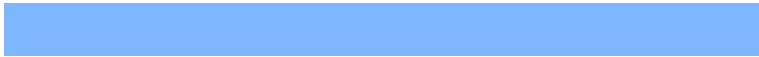
FB9A8E



75C58E

# Complementary

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



7EB7FF



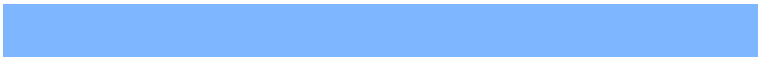
FFC67E

# 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.



A3BD72



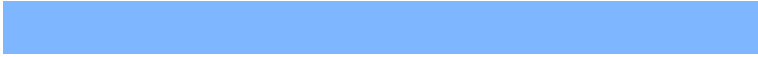
7EB7FF



EAA572

# Square

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



7EB7FF



FB96B4



CBB267



3DC8B4

# Rectangle

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



7EB7FF



D9A0E3



CBB267

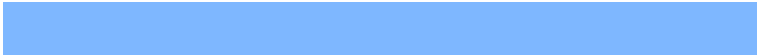


85C383

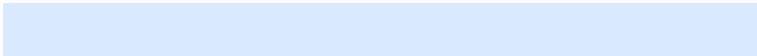


# Sweetspot

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



7EB7FF



D9EAFF



7EFFC5



697380



000000



808080

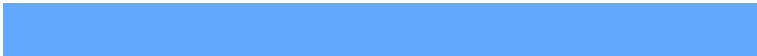


# Same Dimension

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



7EB7FF



63A8FF



847EFF



737880



0055BF



001C40



# Inverse Universe

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



FF7EB7



FF63A8



F9FF7E



807378



BF0055

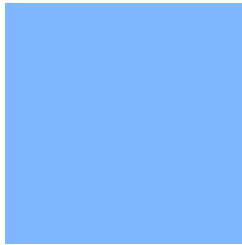


40001C



# Previews

## White Background



This preview shows how the Hex color 7EB7FF looks on a white background.

## Color Contrast Check

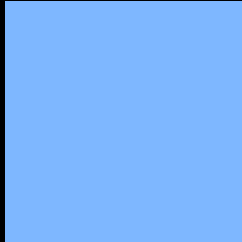
Large Text (above 18pt) WCAG AA × Fail

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 7EB7FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

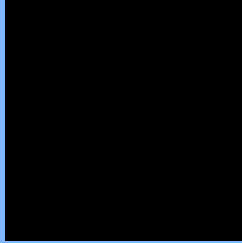
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

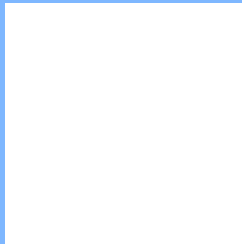
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7EB7FF Background



This preview shows how black text looks on a background with the Hex color 7EB7FF.

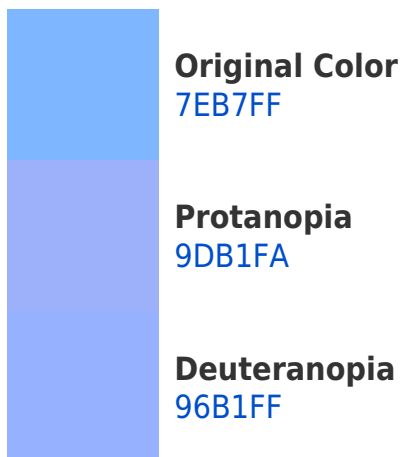


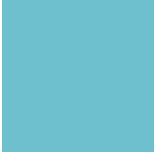
This preview shows how white text looks on a background with the Hex color 7EB7FF.

# 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](#).

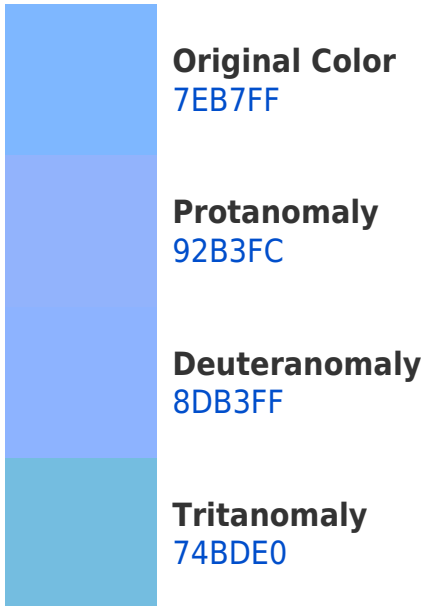
## Dichromacy



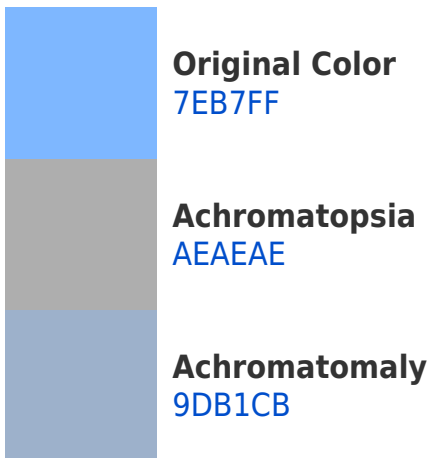


**Tritanopia**  
6EC0CF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EB7FF 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 #7EB7FF looks like.

```
.text, #text, p{  
    color:#7EB7FF  
}
```

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 #7EB7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EB7FF  
}
```

## Border

The CSS property to change the border of an element to Hex 7EB7FF 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  
#7EB7FF }
```

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

```
.border{ border-color:#7EB7FF }
```

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

Here you see how a box with a 4 pixel #7EB7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EB7FF; -webkit-box-shadow:4px 4px  
4px 4px #7EB7FF; box-shadow:4px 4px 4px  
4px #7EB7FF }
```

# Background

The CSS property to change the background color of an element to Hex 7EB7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EB7FF }
```

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

```
.background{ background-color:#7EB7FF }
```

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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