

# Converting Colors

Hex(7EABFF)

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

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# **Color**

**Hex(7EABFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EABFF
RGB	126, 171, 255
RGB Percent	49%, 67%, 100%
CMY	0.5059, 0.3294, 0.0000
CMYK	0.51, 0.33, 0.00, 0.00
HSL	219°, 100%, 75%
HSV	219°, 51%, 100%
XYZ	41.2171, 40.7814, 100.3070
YIQ	167.1210, -53.7840, 16.5840

# Conversions

## Conversions Part 2

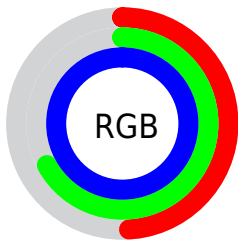
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">126, 159, 255</a>
Decimal	<a href="#">8301567</a>
CIELab	<a href="#">70.02, 7.67, -46.29</a>
CIELCh	<a href="#">70, 46.921, 279.408</a>
Yxy	<a href="#">40.7814, 0.2261, 0.2237</a>
Android (android.graphics.Color)	<a href="#">4286491647 (0xFF7EABFF)</a>
YUV	<a href="#">167.1210, 43.3243, -36.0631</a>
Hunter-Lab	<a href="#">63.8603, 3.4528, -48.4260</a>

# Details

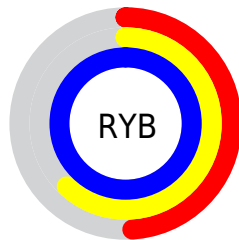
The Hex color **7EABFF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFD27E**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **B9E2FF**, and **4177C6** is the 20% darker color. If you saturate the color by 10%, you get **659AFF**, and if you desaturate by 10%, it is **98BCFF**.

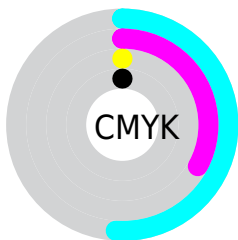
# Distribution



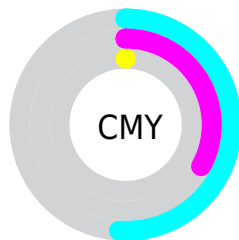
- Red (49%)
- Green (67%)
- Blue (100%)



- Red (49%)
- Yellow (62%)
- Blue (100%)



- Cyan (51%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (33%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 7EABFF

 7EABFF

FFFFFF

 6091E2

 B9E2FF

 4177C6

 D6FFFF

 195FAA

 F4FFFF

 00488F

 003275

 001E5C

 000244

 00032D

 000117

 7EABFF


 7EABFF

 659AFF

 98BCFF

 4B8AFF

 B1CCFF

 3179FF

 CBDDFF

 1869FF

 E4EDFF

 0059FF

FEFEFF

FFFFFF

# Harmonies

## Analogous

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



00B8FA



7EABFF



C19BED

# Triad

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



7EABFF



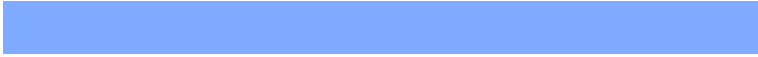
F69077



4FBF8C

# Complementary

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



7EABFF



FFD27E

# 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.



8AB867



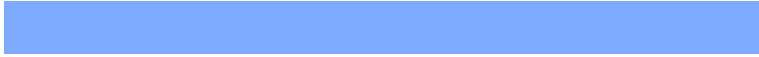
7EABFF



DE9E5B

# Square

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



7EABFF



FC889F



B8AD55



00C1B8

# Rectangle

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



7EABFF



DF91D7



B8AD55



65BD7E



# Sweetspot

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



7EABFF



D9E6FF



7EFFD2



697180



000000



808080



# Same Dimension

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



7EABFF



639AFF



917EFF



737780



0043BF



001640



# Inverse Universe

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



FF7EAB



FF639A



ECFF7E



807377



BF0043



400016



# Previews

## White Background



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

## Color Contrast Check

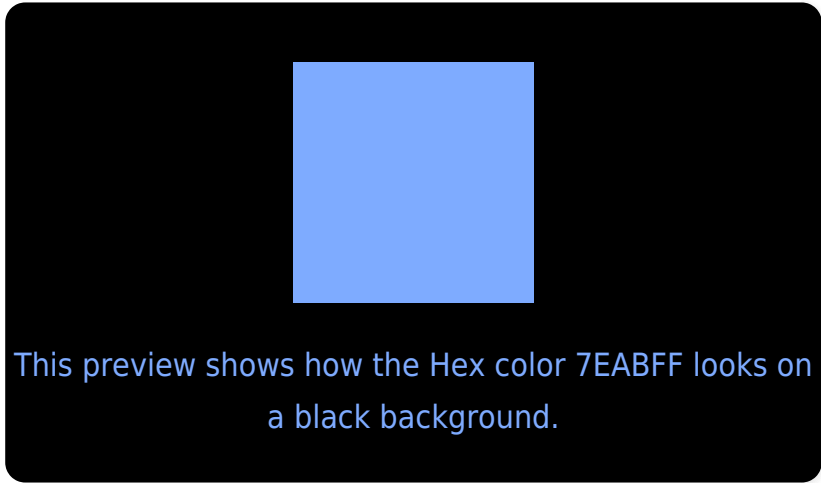
Large Text (above 18pt) WCAG AA × Fail

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

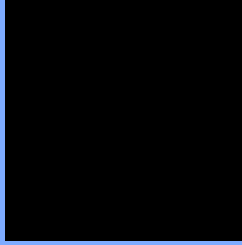
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

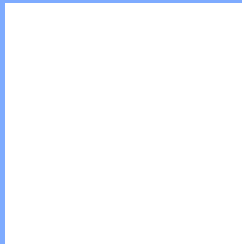
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7EABFF Background



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



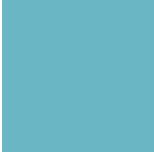
This preview shows how white text looks on a background with the Hex color 7EABFF.

# 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](#).

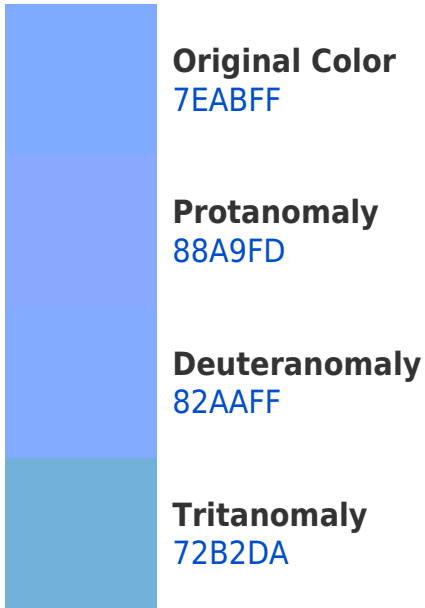
## Dichromacy



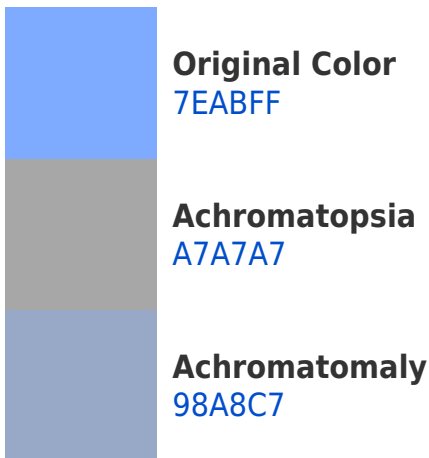


**Tritanopia**  
6BB6C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #7EABFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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