

# Converting Colors

Hex(7EADFA)

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

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# **Color**

**Hex(7EADFA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EADFA
RGB	126, 173, 250
RGB Percent	49%, 68%, 98%
CMY	0.5059, 0.3216, 0.0196
CMYK	0.50, 0.31, 0.00, 0.02
HSL	217°, 93%, 74%
HSV	217°, 50%, 98%
XYZ	40.8031, 41.2249, 96.2491
YIQ	167.7250, -52.7290, 13.9830

# Conversions

## Conversions Part 2

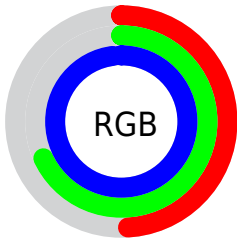
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	126, 160, 250
Decimal	8302074
CIE Lab	70.33, 5.06, -43.09
CIE LCh	70, 43.390, 276.696
Yxy	41.2249, 0.2289, 0.2312
Android (android.graphics.Color)	4286492154 (0xFF7EADFA)
YUV	167.7250, 40.5616, -36.5928
Hunter-Lab	64.2066, 1.0746, -43.9342

# Details

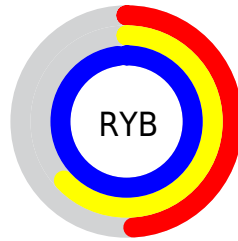
The Hex color **7EADFA** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FACB7E**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **B8E4FF**, and **4279C1** is the 20% darker color. If you saturate the color by 10%, you get **659DFA**, and if you desaturate by 10%, it is **97BDFA**.

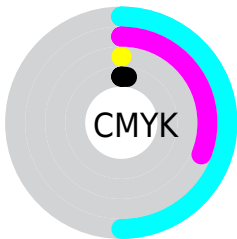
# Distribution



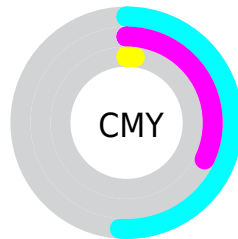
- Red (49%)
- Green (68%)
- Blue (98%)



- Red (49%)
- Yellow (63%)
- Blue (98%)



- Cyan (50%)
- Magenta (31%)
- Yellow (0%)
- Black (2%)



- Cyan (51%)
- Magenta (32%)
- Yellow (2%)

# Brightness & Saturation Gradients

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



 7EADFA

 7EADFA

FFFFFF

 6193DD

 B8E4FF

 4279C1

 D6FFFF

 1D60A6

 F3FFFF

 00498B

 003371

 001F58

 000440

 00032A

 000114

 7EADFA

 7EADFA

 659DFA

 97BDFA

 4C8EFA

 B0CCFA

 337EFA

 C9DCFA

 1A6FFA

 E2EBFA

 015FFA

 FBFBFA

 005FFA

 FFFFFA

# Harmonies

## Analogous

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



1DB8F4



7EADFA



BC9EEB

# Triad

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



7EADFA



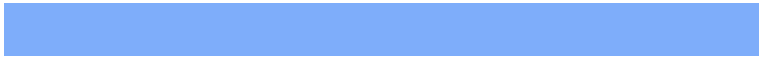
F4927F



5FBE8B

# Complementary

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



7EADFA



FACB7E

# 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.



92B76B



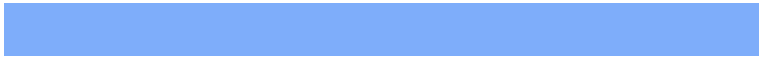
7EADFA



DE9F64

# Square

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



7EADFA



F78CA5



BCAD5C



00C1B4

# Rectangle

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



7EADFA



D995D8



BCAD5C



72BC7F



# Sweetspot

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



7EADFA



D9E7FF



7EFACA



697180



000000



808080

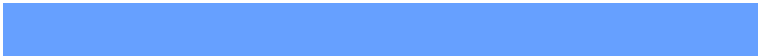


# Same Dimension

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



7EADFA



66A0FF



8C7EFA



70757D



0048BD



00173D



# Inverse Universe

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



FA7EAD



FF66A0



ECFA7E



7D7075



BD0048

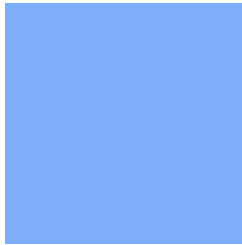


3D0017



# Previews

## White Background



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

## Color Contrast Check

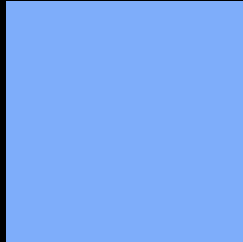
Large Text (above 18pt) WCAG AA × Fail

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 7EADFA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

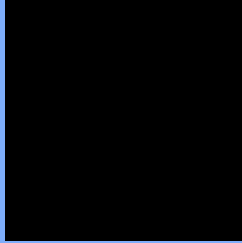
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

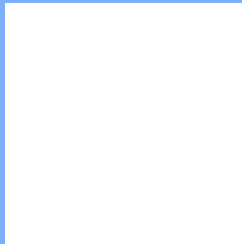
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7EADFA Background



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

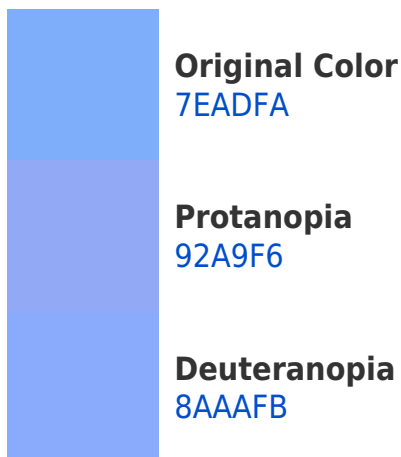


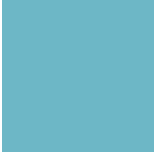
This preview shows how white text looks on a background with the Hex color 7EADFA.

# 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](#).

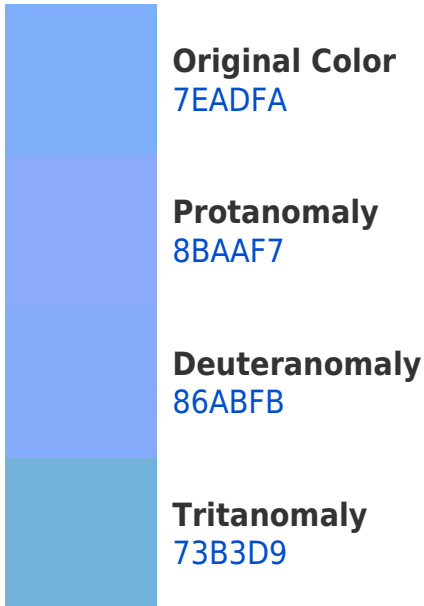
## Dichromacy



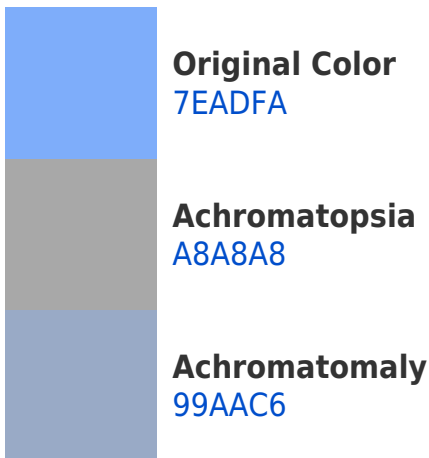


**Tritanopia**  
6DB7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #7EADFA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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