

# Converting Colors

Hex(7EE2FB)

Have a look what the booklet for  
Hex(7EE2FB) contains.

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# **Color**

**Hex(7EE2FB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EE2FB
RGB	126, 226, 251
RGB Percent	49%, 89%, 98%
CMY	0.5059, 0.1137, 0.0157
CMYK	0.50, 0.10, 0.00, 0.02
HSL	192°, 94%, 74%
HSV	192°, 50%, 98%
XYZ	53.2131, 65.7934, 101.1615
YIQ	198.9500, -67.6250, -13.4250

# Conversions

## Conversions Part 2

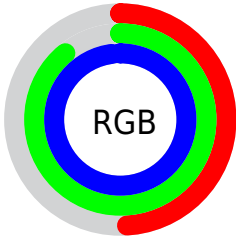
Format	Color
R <sub>Y</sub> B	126, 182, 251
Decimal	8315643
CIE Lab	84.89, -22.78, -21.21
CIE LCh	85, 31.123, 222.951
Yxy	65.7934, 0.2417, 0.2988
Android (android.graphics.Color)	4286505723 (0xFF7EE2FB)
YUV	198.9500, 25.6606, -63.9772
Hunter-Lab	81.1131, -24.8455, -17.1653

# Details

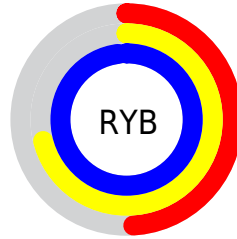
The Hex color **7EE2FB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **FB977E**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **B9FFFF**, and **3FAAC2** is the 20% darker color. If you saturate the color by 10%, you get **65DDFB**, and if you desaturate by 10%, it is **97E7FB**.

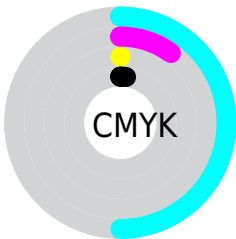
# Distribution



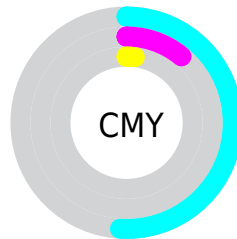
- Red (49%)
- Green (89%)
- Blue (98%)



- Red (49%)
- Yellow (71%)
- Blue (98%)



- Cyan (50%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)



- Cyan (51%)
- Magenta (11%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EE2FB 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 7EE2FB by changing the saturation by 10% instead.



 7EE2FB

 7EE2FB

FFFFFF

 60C6DE

 B9FFFF

 3FAAC2

 D7FFFF

 1290A7

 F5FFFF

 00768D

 005D73

 00455B

 002E43

 001B2D

 000118

■ 7EE2FB

■ 7EE2FB

■ 65DDFB

■ 97E7FB

■ 4CD8FB

■ B0ECFB

■ 33D3FB

■ C9F1FB

■ 1ACEFB

■ E2F6FB

■ 00C9FB

■ FBF6FB

■ FFFFFB

# Harmonies

## Analogous

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



81E5E0



7EE2FB



99DCFF

# Triad

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



7EE2FB



FFC0E6



DCD69A

# Complementary

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



7EE2FB



FB977E

# 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.



F8CC9C



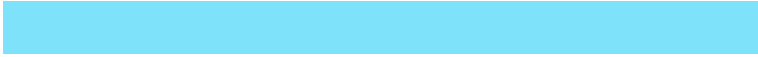
7EE2FB



FFBFC8

# Square

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



7EE2FB



E8C8FF



FFC3AD



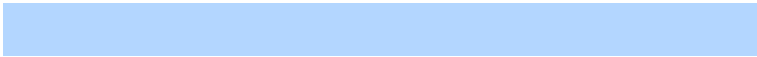
BBDEA8

# Rectangle

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



7EE2FB



B3D6FF



FFC3AD



E6D399

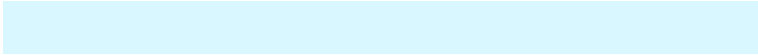


# Sweetspot

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



7EE2FB



D9F7FF



7EFB97



697B80



000000



808080



# Same Dimension

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



7EE2FB



66E0FF



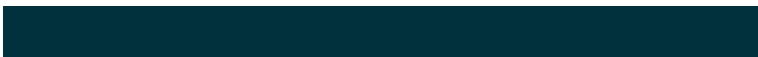
7EA3FB



707A7D



0097BD



00313D



# Inverse Universe

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



FB7EE2



FF66E0



FBD67E



7D707A



BD0097

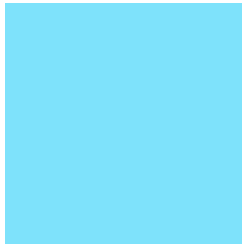


3D0031



# Previews

## White Background



This preview shows how the Hex color 7EE2FB looks on a white background.

## Color Contrast Check

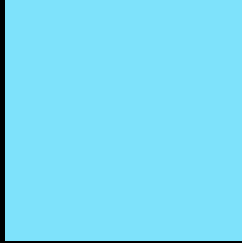
Large Text (above 18pt) WCAG AA × Fail

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 7EE2FB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

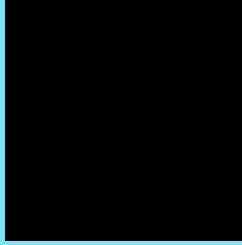
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7EE2FB Background



This preview shows how black text looks on a background with the Hex color 7EE2FB.

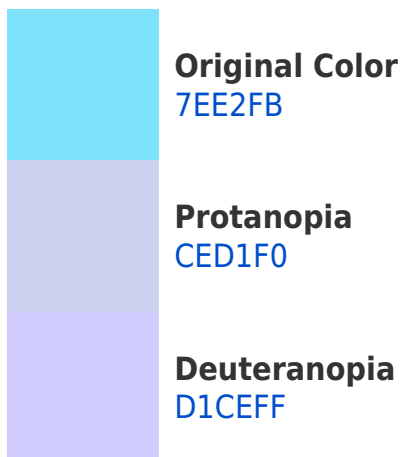


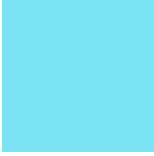
This preview shows how white text looks on a background with the Hex color 7EE2FB.

# 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**  
7CE3F5

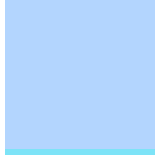
# Trichromacy



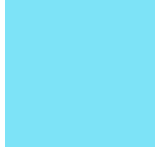
**Original Color**  
7EE2FB



**Protanomaly**  
B1D7F4



**Deuteranomaly**  
B3D5FE

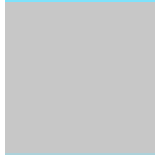


**Tritanomaly**  
7DE3F7

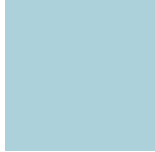
# Monochromacy



**Original Color**  
7EE2FB



**Achromatopsia**  
C7C7C7



**Achromatomaly**  
ACD1DA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EE2FB 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 #7EE2FB looks like.

```
.text, #text, p{  
    color:#7EE2FB  
}
```

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 #7EE2FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EE2FB  
}
```

## Border

The CSS property to change the border of an element to Hex 7EE2FB 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  
#7EE2FB }
```

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

```
.border{ border-color:#7EE2FB }
```

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

Here you see how a box with a 4 pixel #7EE2FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EE2FB; -webkit-box-shadow:4px 4px  
4px 4px #7EE2FB; box-shadow:4px 4px 4px  
4px #7EE2FB }
```

# Background

The CSS property to change the background color of an element to Hex 7EE2FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EE2FB }
```

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

```
.background{ background-color:#7EE2FB }
```

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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