

Converting Colors

Hex(76E7EF)

Have a look what the booklet for
Hex(76E7EF) contains.

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Color

Hex(76E7EF)

Conversions

Conversions Part 1

Format	Color
Hex	76E7EF
RGB	118, 231, 239
RGB Percent	46%, 91%, 94%
CMY	0.5373, 0.0941, 0.0627
CMYK	0.51, 0.03, 0.00, 0.06
HSL	184°, 79%, 70%
HSV	184°, 51%, 94%
XYZ	51.6271, 67.2354, 91.9180
YIQ	198.1250, -69.9160, -21.4680

Conversions

Conversions Part 2

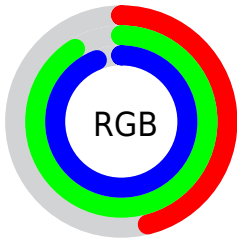
Format	Color
RYB	118, 176, 239
Decimal	7792623
CIELab	85.62, -30.07, -13.81
CIELCh	86, 33.089, 204.667
Yxy	67.2354, 0.2449, 0.3190
Android (android.graphics.Color)	4285982703 (0xFF76E7EF)
YUV	198.1250, 20.1514, -70.2696
Hunter-Lab	81.9972, -31.1078, -9.0655

Details

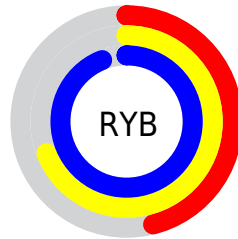
The Hex color **76E7EF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EF7E76**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **B2FFFF**, and **34AFB7** is the 20% darker color. If you saturate the color by 10%, you get **5EE5EF**, and if you desaturate by 10%, it is **8EE9EF**.

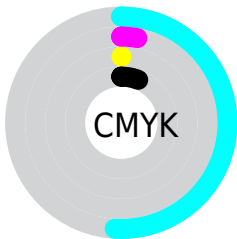
Distribution



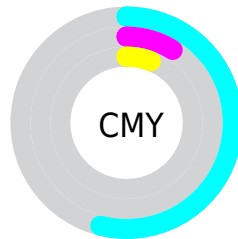
- Red (46%)
- Green (91%)
- Blue (94%)



- Red (46%)
- Yellow (69%)
- Blue (94%)



- Cyan (51%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (54%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76E7EF 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 76E7EF by changing the saturation by 10% instead.

 76E7EF

 76E7EF

FFFFFF

 57CBD3

 B2FFFF

 34AFB7

 D0FFFF

 00949C

 EEEFFF

 007A82

 006169

 004851

 00313A

 001D24

 00010F

 76E7EF

 76E7EF

 5EE5EF

 8EE9EF

 46E4EF

 A6EAEF

 2EE2EF

 BEECEF

 16E1EF

 D6EDEF

 00DFEF

 EDEFEF

 FFF0EF

 FFF2EF

 FFF4EF

 FFF5EF

Harmonies

Analogous

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



8BE7CF



76E7EF



80E3FF

Triad

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



76E7EF



F9C6FB



F2D298

Complementary

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



76E7EF



EF7E76

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.



FFC8A4



76E7EF



FFBFDD

Square

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



76E7EF



D3D0FF



FFC0BD



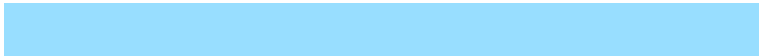
D1DC9D

Rectangle

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



76E7EF



98DEFF



FFC0BD



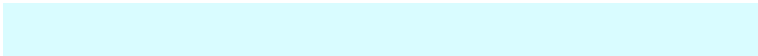
FBCF9A

Sweetspot

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



76E7EF



D9FCFF



76EF7C



697E80



000000



808080

Same Dimension

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



76E7EF



63F5FF



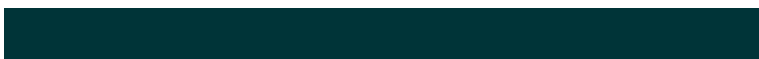
76ACEF



6C7778



00ABB8



003438

Inverse Universe

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



EF76E7



FF63F5



EFB976



786C77



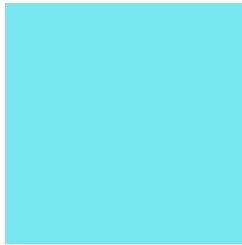
B800AB



380034

Previews

White Background



This preview shows how the Hex color 76E7EF looks on a white background.

Color Contrast Check

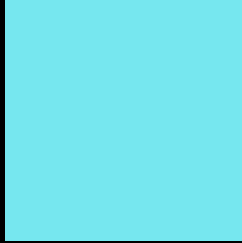
Large Text (above 18pt) WCAG AA × Fail

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 76E7EF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

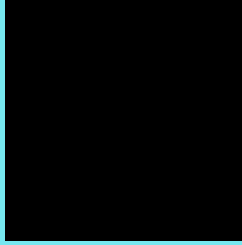
Any Text WCAG AA ✓ Pass

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 76E7EF Background



This preview shows how black text looks on a background with the Hex color 76E7EF.

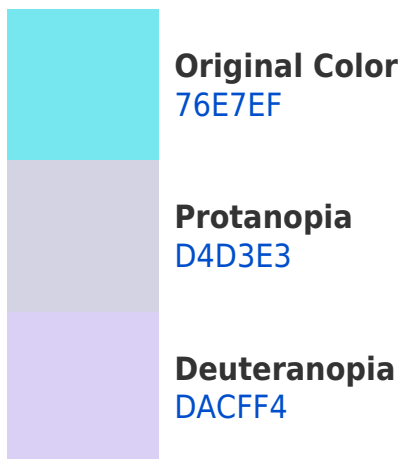


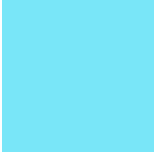
This preview shows how white text looks on a background with the Hex color 76E7EF.

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



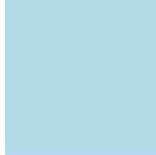


Tritanopia
79E6F8

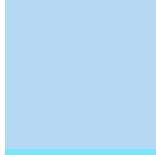
Trichromacy



Original Color
76E7EF



Protanomaly
B2DAE7



Deuteranomaly
B6D8F2

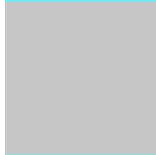


Tritanomaly
78E6F5

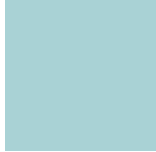
Monochromacy



Original Color
76E7EF



Achromatopsia
C6C6C6



Achromatomaly
A9D2D5

CSS Examples

Text

The CSS property to change the color of the text to Hex 76E7EF 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 #76E7EF looks like.

```
.text, #text, p{  
    color:#76E7EF  
}
```

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 #76E7EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76E7EF
}
```

Border

The CSS property to change the border of an element to Hex 76E7EF 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
#76E7EF }
```

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

```
.border{ border-color:#76E7EF }
```

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

Here you see how a box with a 4 pixel #76E7EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76E7EF; -webkit-box-shadow:4px 4px  
4px 4px #76E7EF; box-shadow:4px 4px 4px  
4px #76E7EF }
```

Background

The CSS property to change the background color of an element to Hex 76E7EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76E7EF }
```

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

```
.background{ background-color:#76E7EF }
```

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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