

Converting Colors

Hex(76E4FF)

Have a look what the booklet for
Hex(76E4FF) contains.

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Color

Hex(76E4FF)

Conversions

Conversions Part 1

Format	Color
Hex	76E4FF
RGB	118, 228, 255
RGB Percent	46%, 89%, 100%
CMY	0.5373, 0.1059, 0.0000
CMYK	0.54, 0.11, 0.00, 0.00
HSL	192°, 100%, 73%
HSV	192°, 54%, 100%
XYZ	53.2646, 66.5584, 104.6474
YIQ	198.1880, -74.2270, -14.9230

Conversions

Conversions Part 2

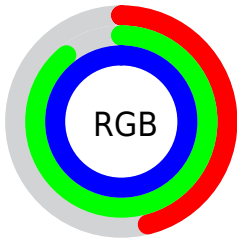
Format	Color
RYB	118, 179, 255
Decimal	7791871
CIELab	85.28, -24.33, -22.75
CIELCh	85, 33.307, 223.083
Yxy	66.5584, 0.2373, 0.2965
Android (android.graphics.Color)	4285981951 (0xFF76E4FF)
YUV	198.1880, 28.0083, -70.3249
Hunter-Lab	81.5833, -26.2306, -18.9434

Details

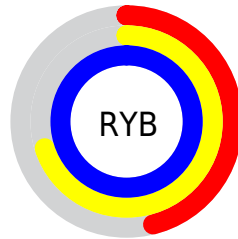
The Hex color **76E4FF** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **FF9176**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **B3FFFF**, and **32ACC6** is the 20% darker color. If you saturate the color by 10%, you get **5DDFFF**, and if you desaturate by 10%, it is **90E9FF**.

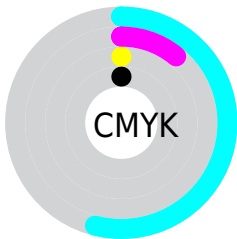
Distribution



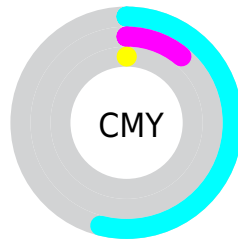
- Red (46%)
- Green (89%)
- Blue (100%)



- Red (46%)
- Yellow (70%)
- Blue (100%)



- Cyan (54%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76E4FF 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 76E4FF by changing the saturation by 10% instead.

 76E4FF

 76E4FF

FFFFFF

 56C8E2

 B3FFFF

 32ACC6

 D1FFFF

 0092AB

 EFFFFFF

 007890

 005F77

 00475E

 003046

 001D30

 00011B

 76E4FF

 76E4FF

 5DDFFF

 90E9FF

 43DAFF

 A9EEFF

 2AD5FF

 C3F3FF

 10D0FF

 DCF8FF

 00CDFF

 F6FDFF

FFFFFF

Harmonies

Analogous

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



79E7E2



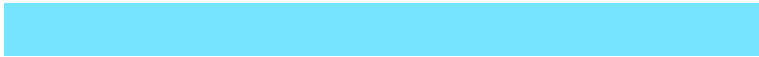
76E4FF



94DDFF

Triad

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



76E4FF



FFC0E8



DED797

Complementary

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



76E4FF



FF9176

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.



FCCD99



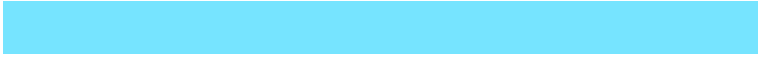
76E4FF



FFBEC8

Square

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



76E4FF



EBC8FF



FFC3AB



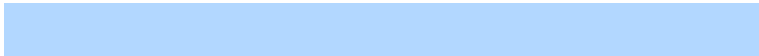
BAE0A6

Rectangle

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



76E4FF



B2D7FF



FFC3AB



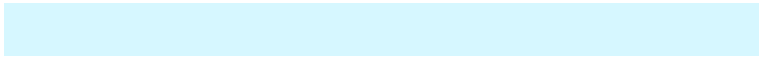
E8D496

Sweetspot

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



76E4FF



D6F7FF



76FF8F



677B80



000000



808080

Same Dimension

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



76E4FF



5CDFFF



76A1FF



737D80



009ABF



003340

Inverse Universe

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



FF76E4



FF5CDF



FFD476



80737D



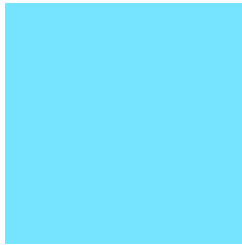
BF009A



400033

Previews

White Background



This preview shows how the Hex color 76E4FF looks on a white background.

Color Contrast Check

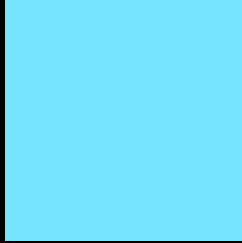
Large Text (above 18pt) WCAG AA × Fail

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 76E4FF 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 76E4FF Background



This preview shows how black text looks on a background with the Hex color 76E4FF.

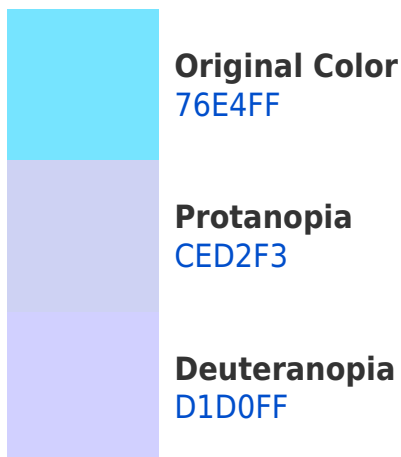


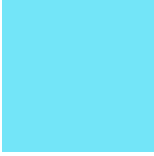
This preview shows how white text looks on a background with the Hex color 76E4FF.

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](#).

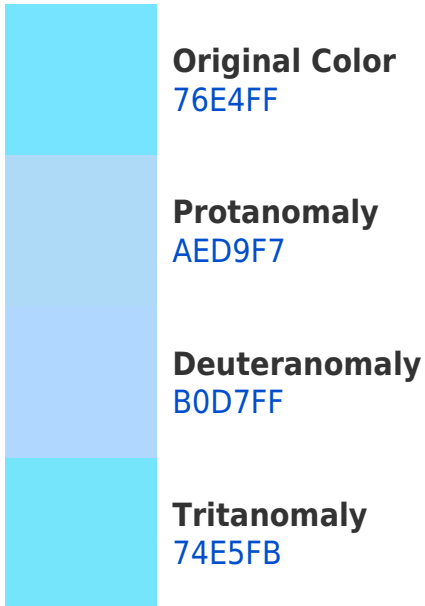
Dichromacy



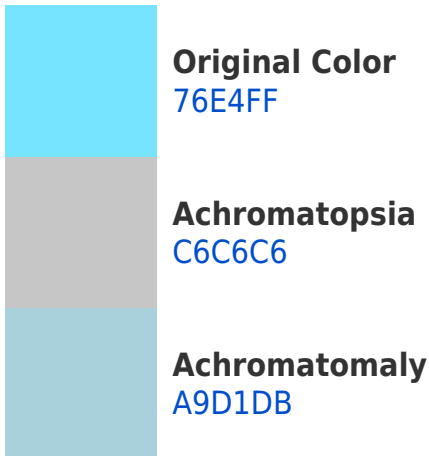


Tritanopia
73E5F8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76E4FF 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 #76E4FF looks like.

```
.text, #text, p{  
    color:#76E4FF  
}
```

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 #76E4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76E4FF
}
```

Border

The CSS property to change the border of an element to Hex 76E4FF 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
#76E4FF }
```

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

```
.border{ border-color:#76E4FF }
```

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

Here you see how a box with a 4 pixel #76E4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76E4FF; -webkit-box-shadow:4px 4px  
4px 4px #76E4FF; box-shadow:4px 4px 4px  
4px #76E4FF }
```

Background

The CSS property to change the background color of an element to Hex 76E4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76E4FF }
```

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

```
.background{ background-color:#76E4FF }
```

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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