

# Converting Colors

Hex(77F1FF)

Have a look what the booklet for  
Hex(77F1FF) contains.

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# **Color**

**Hex(77F1FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77F1FF
RGB	119, 241, 255
RGB Percent	47%, 95%, 100%
CMY	0.5333, 0.0549, 0.0000
CMYK	0.53, 0.05, 0.00, 0.00
HSL	186°, 100%, 73%
HSV	186°, 53%, 100%
XYZ	57.1130, 74.0525, 105.8911
YIQ	206.1180, -77.2060, -21.5100

# Conversions

## Conversions Part 2

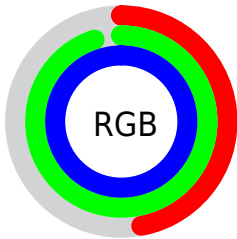
Format	Color
<a href="#">RYB</a>	<a href="#">119, 183, 255</a>
Decimal	<a href="#">7860735</a>
CIELab	<a href="#">88.95, -30.43, -17.21</a>
CIElCh	<a href="#">89, 34.962, 209.484</a>
Yxy	<a href="#">74.0525, 0.2409, 0.3124</a>
Android (android.graphics.Color)	<a href="#">4286050815</a> ( <a href="#">0xFF77F1FF</a> )
YUV	<a href="#">206.1180, 24.0988, -76.4025</a>
Hunter-Lab	<a href="#">86.0538, -32.1254, -12.7200</a>

# Details

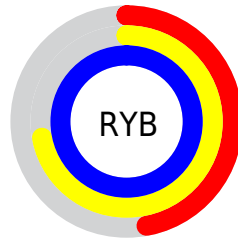
The Hex color **77F1FF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF8577**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **B4FFFF**, and **31B9C6** is the 20% darker color. If you saturate the color by 10%, you get **5EEEFF**, and if you desaturate by 10%, it is **91F4FF**.

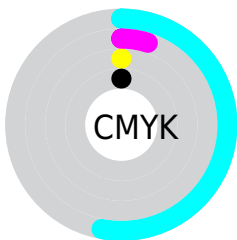
# Distribution



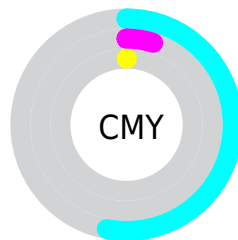
- Red (47%)
- Green (95%)
- Blue (100%)



- Red (47%)
- Yellow (72%)
- Blue (100%)



- Cyan (53%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (5%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77F1FF 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 77F1FF by changing the saturation by 10% instead.



 77F1FF

 77F1FF

FFFFFF

 57D4E2

 B4FFFF

 31B9C6

 D3FFFF

 009DAB

 F1FFFF

 008390

 006977

 00515E

 003946

 002430

 00011C

 77F1FF

 77F1FF

 5EEEFF


 91F4FF

 44ECFF

 AAF6FF

 2AE9FF

 C3F9FF

 11E6FF

 DDFBFF

 00E5FF

 F7FEFF

 FFFFFFFF

# Harmonies

## Analogous

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



8AF2DE



77F1FF



88ECFF

# Triad

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



77F1FF



FFCCFF



F8DD9D

# Complementary

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



77F1FF



FF8577

# 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.



FFD2A7



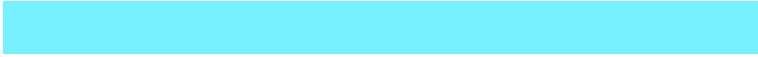
77F1FF



FFC7E1

# Square

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



77F1FF



E3D7FF



FFC9C0



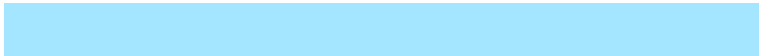
D4E7A5

# Rectangle

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



77F1FF



A4E6FF



FFC9C0



FFD99E

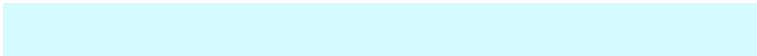


# Sweetspot

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



77F1FF



D6FBFF



77FF85



677D80



000000



808080



# Same Dimension

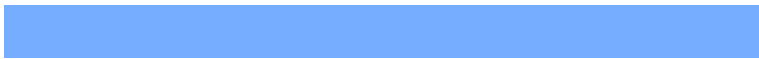
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77F1FF



5CEEFF



77ADFF



737E80



00ACBF



003940



# Inverse Universe

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



FF77F1



FF5CEE



FFC977



80737E



BF00AC

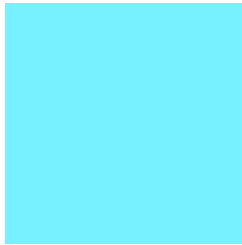


400039



# Previews

## White Background



This preview shows how the Hex color 77F1FF looks on a white background.

## Color Contrast Check

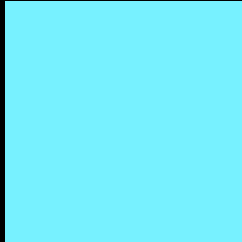
Large Text (above 18pt) WCAG AA × Fail

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 77F1FF 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 77F1FF Background



This preview shows how black text looks on a background with the Hex color 77F1FF.

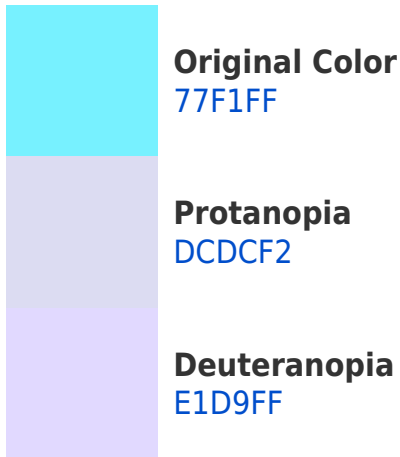


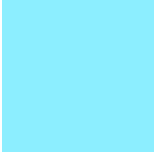
This preview shows how white text looks on a background with the Hex color 77F1FF.

# 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](#).

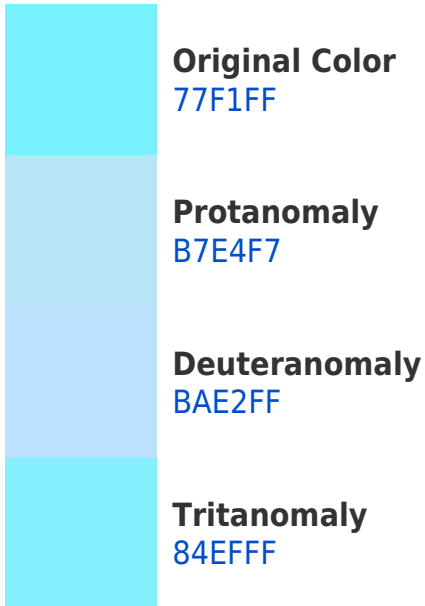
## Dichromacy





**Tritanopia**  
8CEEFF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77F1FF 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 #77F1FF looks like.

```
.text, #text, p{  
    color:#77F1FF  
}
```

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 #77F1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77F1FF
}
```

## Border

The CSS property to change the border of an element to Hex 77F1FF 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
#77F1FF }
```

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

```
.border{ border-color:#77F1FF }
```

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

Here you see how a box with a 4 pixel #77F1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77F1FF; -webkit-box-shadow:4px 4px  
4px 4px #77F1FF; box-shadow:4px 4px 4px  
4px #77F1FF }
```

# Background

The CSS property to change the background color of an element to Hex 77F1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77F1FF }
```

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

```
.background{ background-color:#77F1FF }
```

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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