

# Converting Colors

Hex(7BF3FF)

Have a look what the booklet for  
Hex(7BF3FF) contains.

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# **Color**

**Hex(7BF3FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BF3FF
RGB	123, 243, 255
RGB Percent	48%, 95%, 100%
CMY	0.5176, 0.0471, 0.0000
CMYK	0.52, 0.05, 0.00, 0.00
HSL	185°, 100%, 74%
HSV	185°, 52%, 100%
XYZ	58.2690, 75.5321, 106.1158
YIQ	208.4880, -75.3720, -21.7080

# Conversions

## Conversions Part 2

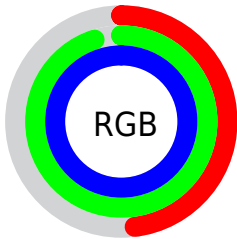
Format	Color
<a href="#">RYB</a>	<a href="#">123, 186, 255</a>
Decimal	<a href="#">8123391</a>
CIELab	<a href="#">89.64, -30.60, -16.15</a>
CIElCh	<a href="#">90, 34.600, 207.825</a>
Yxy	<a href="#">75.5321, 0.2429, 0.3148</a>
Android (android.graphics.Color)	<a href="#">4286313471 (0xFF7BF3FF)</a>
YUV	<a href="#">208.4880, 22.9304, -74.9730</a>
Hunter-Lab	<a href="#">86.9092, -32.4144, -11.5564</a>

# Details

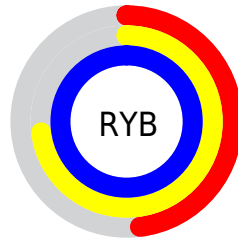
The Hex color **7BF3FF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF877B**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **B8FFFF**, and **38BAC6** is the 20% darker color. If you saturate the color by 10%, you get **62F1FF**, and if you desaturate by 10%, it is **95F5FF**.

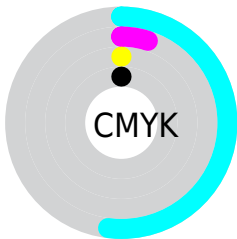
# Distribution



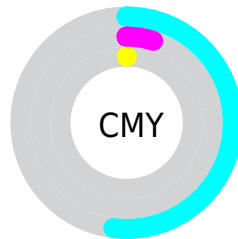
- Red (48%)
- Green (95%)
- Blue (100%)



- Red (48%)
- Yellow (73%)
- Blue (100%)



- Cyan (52%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (5%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BF3FF 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 7BF3FF by changing the saturation by 10% instead.



 7BF3FF

 7BF3FF

FFFFFF

 5BD6E2

 B8FFFF

 38BAC6

 D6FFFF

 009FAB

 F5FFFF

 008590

 006B77

 00525E

 003B46

 002530

 00011C

 7BF3FF

 7BF3FF

 62F1FF

 95F5FF

 48EEFF

 AEF8FF

 2FECFF

 C8FAFF

 15EAFF

 E1FCFF

 00E8FF

 FBFFFF

FFFFFF

# Harmonies

## Analogous

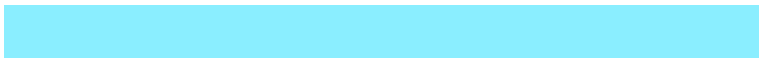
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8FF4DE



7BF3FF



8AE EFF

# Triad

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



7BF3FF



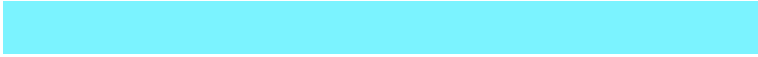
FFCFFF



FBDE9F

# Complementary

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



7BF3FF



FF877B

# 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.



FFD3AB



7BF3FF



FFC9E5

# Square

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



7BF3FF



E3DAFF



FFCBC4



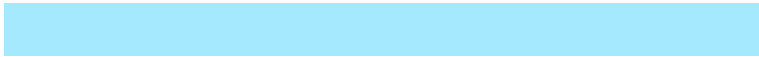
D9E9A6

# Rectangle

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



7BF3FF



A4E9FF



FFCBC4



FFDBA1

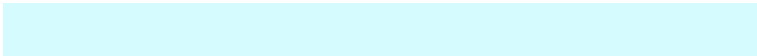


# Sweetspot

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



7BF3FF



D6FBFF



7BFF86



677D80



000000

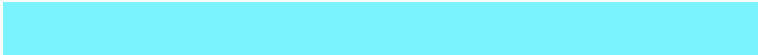


808080

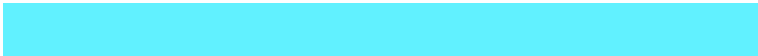


# Same Dimension

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



7BF3FF



61F1FF



7BB2FF



737E80



00AEBF



003A40



# Inverse Universe

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



FF7BF3



FF61F1



FFC87B



80737E



BF00AE

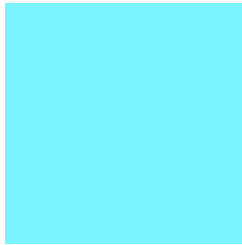


40003A



# Previews

## White Background



This preview shows how the Hex color 7BF3FF looks on a white background.

## Color Contrast Check

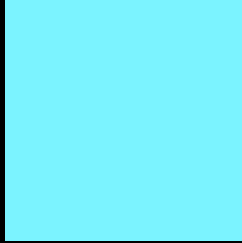
Large Text (above 18pt) WCAG AA × Fail

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 7BF3FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

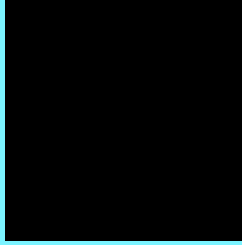
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7BF3FF Background



This preview shows how black text looks on a background with the Hex color 7BF3FF.

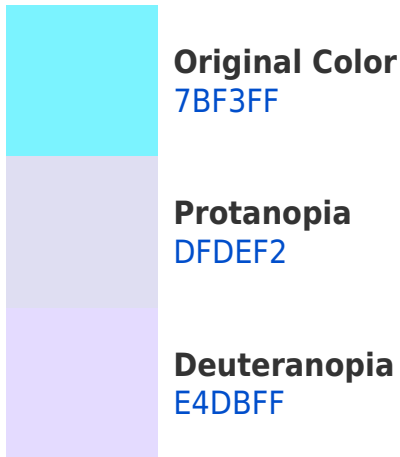


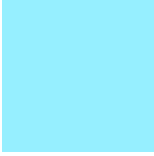
This preview shows how white text looks on a background with the Hex color 7BF3FF.

# 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



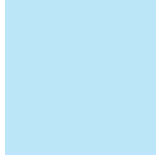


**Tritanopia**  
96EFFF

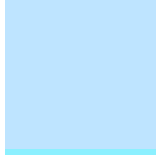
# Trichromacy



**Original Color**  
7BF3FF



**Protanomaly**  
BBE6F7



**Deuteranomaly**  
BEE4FF

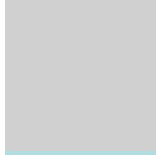


**Tritanomaly**  
8CF0FF

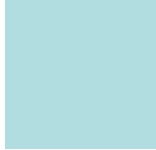
# Monochromacy



**Original Color**  
7BF3FF



**Achromatopsia**  
D0D0D0



**Achromatomaly**  
B1DDE1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BF3FF 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 #7BF3FF looks like.

```
.text, #text, p{  
    color:#7BF3FF  
}
```

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 #7BF3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BF3FF
}
```

## Border

The CSS property to change the border of an element to Hex 7BF3FF 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
#7BF3FF }
```

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

```
.border{ border-color:#7BF3FF }
```

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

Here you see how a box with a 4 pixel #7BF3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BF3FF; -webkit-box-shadow:4px 4px  
4px 4px #7BF3FF; box-shadow:4px 4px 4px  
4px #7BF3FF }
```

# Background

The CSS property to change the background color of an element to Hex 7BF3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BF3FF }
```

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

```
.background{ background-color:#7BF3FF }
```

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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