

# Converting Colors

Hex(7AFFFC)

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

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# **Color**

**Hex(7AFFFC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AFFFC
RGB	122, 255, 252
RGB Percent	48%, 100%, 99%
CMY	0.5216, 0.0000, 0.0118
CMYK	0.52, 0.00, 0.01, 0.00
HSL	179°, 100%, 74%
HSV	179°, 52%, 100%
XYZ	61.3567, 82.6859, 104.8216
YIQ	214.8910, -78.3050, -29.1290

# Conversions

## Conversions Part 2

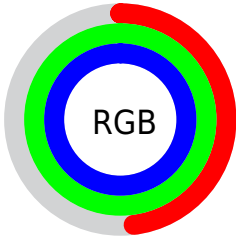
Format	Color
<a href="#">RYB</a>	<a href="#">122, 189, 255</a>
Decimal	<a href="#">8060924</a>
CIELab	<a href="#">92.88, -37.17, -9.76</a>
CIElCh	<a href="#">93, 38.430, 194.717</a>
Yxy	<a href="#">82.6859, 0.2465, 0.3323</a>
Android (android.graphics.Color)	<a href="#">4286251004</a> ( <a href="#">0xFF7AFFFC</a> )
YUV	<a href="#">214.8910, 18.2947, -81.4654</a>
Hunter-Lab	<a href="#">90.9318, -38.6867, -4.6943</a>

# Details

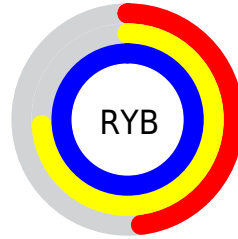
The Hex color **7AFFFC** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FF7A7D**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **B8FFFF**, and **34C6C3** is the 20% darker color. If you saturate the color by 10%, you get **61FFFB**, and if you desaturate by 10%, it is **94FFFD**.

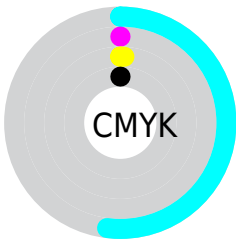
# Distribution



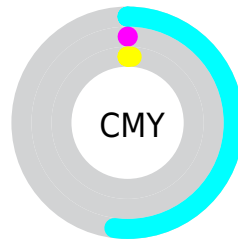
- Red (48%)
- Green (100%)
- Blue (99%)



- Red (48%)
- Yellow (74%)
- Blue (100%)



- Cyan (52%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (52%)
- Magenta (0%)
- Yellow (1%)

# Brightness & Saturation Gradients

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



 7AFFFC

FFFFFF

 B8FFFF

 D6FFFF

 F5FFFF

 7AFFFC

 5AE2DF

 34C6C3

 00AAA8

 008F8E

 007574

 005C5C

 004344


 002D2E

 00131A

 7AFFFC

 7AFFFC

 61FFFB

 94FFFD

 47FFFB

 ADFFFD

 2EFFFFA

 C7FFFE

 14FFFA

 E0FFFE

 00FFF9

 FAFFFF

 FFFFFFFF

# Harmonies

## Analogous

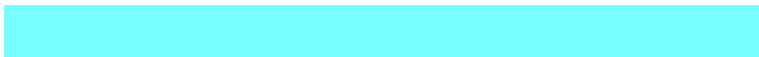
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9DFED6



7AFFFC



77FCFF

# Triad

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



7AFFFC



FFDBFF



FFE2A4

# Complementary

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



7AFFFF



FF7A7D

# 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.



FFD6B8



7AFFFF



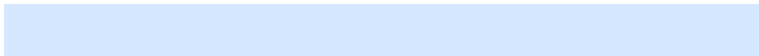
FFD1FF

# Square

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



7AFFFC



D5E8FF



FFCFD9



F2EEA2

# Rectangle

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



7AFFFC



8EF7FF



FFCFD9



FFDEA9



# Sweetspot

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



7AFFFC



D6FFFE



7EFF7A



67807F



000000



808080



# Same Dimension

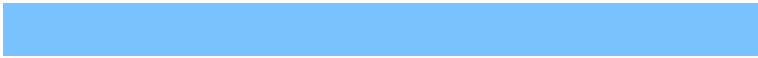
The Same Dimension uses a secret algorithm to generate beautiful new colors.



7AFFFC



5EFFFB



7AC1FF



73807F



00BFBB



00403E



# Inverse Universe

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



FF7A7D



FF5E62



FFB87A



807373



BF0004

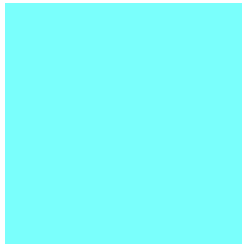


400001



# Previews

## White Background



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

## Color Contrast Check

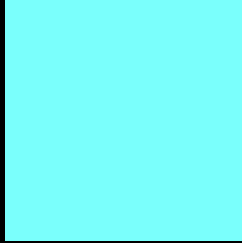
Large Text (above 18pt) WCAG AA × Fail

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 7AFFFC 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 7AFFFC Background



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

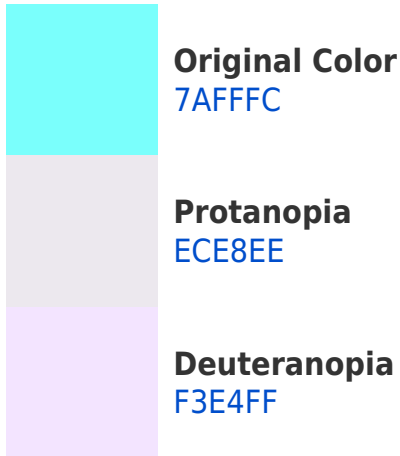


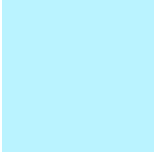
This preview shows how white text looks on a background with the Hex color 7AFFFC.

# 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**  
BAF3FF

# Trichromacy



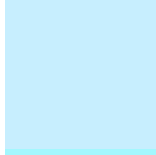
**Original Color**

7AFFFC



**Protanomaly**

C3F0F3



**Deuteranomaly**

C7EEFE



**Tritanomaly**

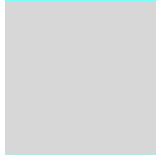
A3F7FE

# Monochromacy



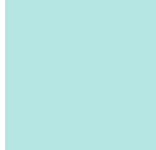
**Original Color**

7AFFFC



**Achromatopsia**

D7D7D7



**Achromatomaly**

B5E6E4

# CSS Examples

## Text

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

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

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 #7AFFFC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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