

# Converting Colors

Hex(7AFFBC)

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

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# Color

**Hex(7AFFBC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AFFBC
RGB	122, 255, 188
RGB Percent	48%, 100%, 74%
CMY	0.5216, 0.0000, 0.2627
CMYK	0.52, 0.00, 0.26, 0.00
HSL	150°, 100%, 74%
HSV	150°, 52%, 100%
XYZ	52.8631, 79.2884, 60.0950
YIQ	207.5950, -57.7610, -49.0330

# Conversions

## Conversions Part 2

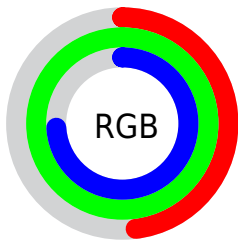
Format	Color
<a href="#">RYB</a>	<a href="#">122, 211, 255</a>
Decimal	<a href="#">8060860</a>
CIELab	<a href="#">91.36, -51.59, 21.06</a>
CIELCh	<a href="#">91, 55.721, 157.797</a>
Yxy	<a href="#">79.2884, 0.2750, 0.4124</a>
Android (android.graphics.Color)	<a href="#">4286250940 (0xFF7AFFBC)</a>
YUV	<a href="#">207.5950, -9.6603, -75.0668</a>
Hunter-Lab	<a href="#">89.0440, -49.8563, 22.3166</a>

# Details

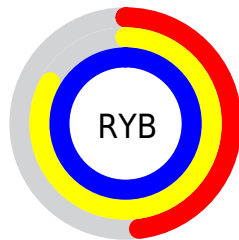
The Hex color **7AFFBC** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF7ABD**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **B6FFF4**, and **39C587** is the 20% darker color. If you saturate the color by 10%, you get **61FFAF**, and if you desaturate by 10%, it is **94FFC9**.

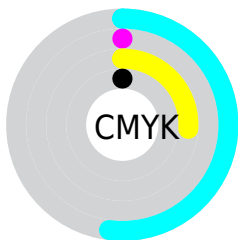
# Distribution



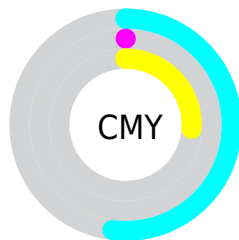
- Red (48%)
- Green (100%)
- Blue (74%)



- Red (48%)
- Yellow (83%)
- Blue (100%)



- Cyan (52%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)



- Cyan (52%)
- Magenta (0%)
- Yellow (26%)

# Brightness & Saturation Gradients

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



 7AFFBC

FFFFFF

 B6FFF4

 D4FFFF

 F2FFFF

 7AFFBC

 5BE2A1

 39C587

 00AA6D

 008E54

 00743D

 005A26

 004111

 002B00

 000900

 7AFFBC

 7AFFBC

 61FFAF

 94FFC9

 47FFA2

 ADFFD6

 2EFF95

 C7FFE3

 14FF89

 E0FFE3

 00FF7F

 FAFFFC

 FFFFFF

# Harmonies

## Analogous

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



C1F68F



7AFFBC



00FF3

# Triad

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



7AFFBC



AAE7FF



FFC3A7

# Complementary

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



7AFFBC



FF7ABD

# 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.



FFBBDA



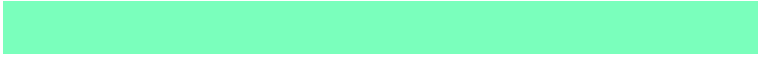
7AFFBC



FED3FF

# Square

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



7AFFBC



0FF7FF



FFC1FF



FFD583

# Rectangle

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



7AFFBC



00FFFF



FFC1FF

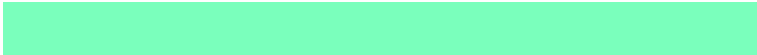


FFBFB7

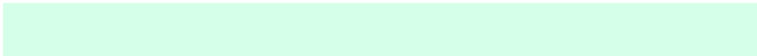


# Sweetspot

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



7AFFBC



D6FFEA



BFFF7A



678073



000000



808080



# Same Dimension

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



7AFFBC



5EFAE



7AFFFD



738079



00BF5F



004020



# Inverse Universe

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



FF7ABD



FF5EAF



FF7A7C



807379



BF0060

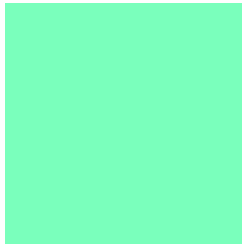


400020



# Previews

## White Background



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

## Color Contrast Check

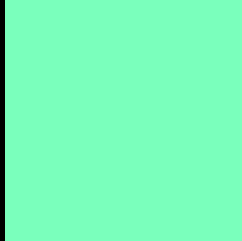
Large Text (above 18pt) WCAG AA × Fail

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 7AFFBC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

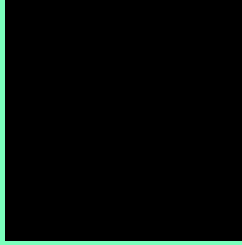
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7AFFBC Background



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

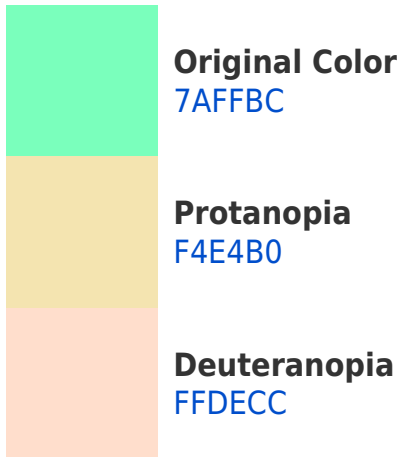


This preview shows how white text looks on a background with the Hex color 7AFFBC.

# Color Blindness Simulation

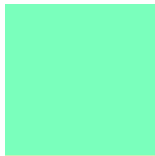
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



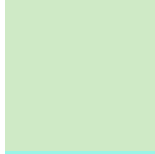
**Original Color**

7AFFBC



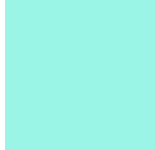
**Protanomaly**

C8EEB4



**Deuteranomaly**

CFEAC6



**Tritanomaly**

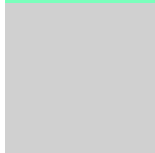
9AF5E7

# Monochromacy



**Original Color**

7AFFBC



**Achromatopsia**

D0D0D0



**Achromatomaly**

B1E1C9

# CSS Examples

## Text

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

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

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 #7AFFBC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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