

Converting Colors

Hex(7AFFC6)

Have a look what the booklet for
Hex(7AFFC6) contains.

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Color

Hex(7AFFC6)

Conversions

Conversions Part 1

Format	Color
Hex	7AFFC6
RGB	122, 255, 198
RGB Percent	48%, 100%, 78%
CMY	0.5216, 0.0000, 0.2235
CMYK	0.52, 0.00, 0.22, 0.00
HSL	154°, 100%, 74%
HSV	154°, 52%, 100%
XYZ	53.9791, 79.7348, 65.9714
YIQ	208.7350, -60.9710, -45.9230

Conversions

Conversions Part 2

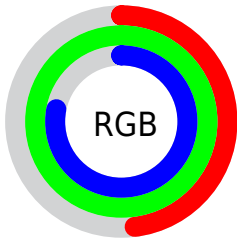
Format	Color
RYB	122, 207, 255
Decimal	8060870
CIELab	91.57, -49.58, 16.22
CIELCh	92, 52.169, 161.884
Yxy	79.7348, 0.2703, 0.3993
Android (android.graphics.Color)	4286250950 (0xFF7AFFC6)
YUV	208.7350, -5.2924, -76.0666
Hunter-Lab	89.2943, -48.3605, 18.7021

Details

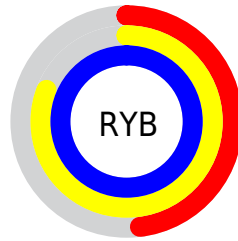
The Hex color **7AFFC6** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF7AB3**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **B6FFFF**, and **39C590** is the 20% darker color. If you saturate the color by 10%, you get **61FFBB**, and if you desaturate by 10%, it is **94FFD1**.

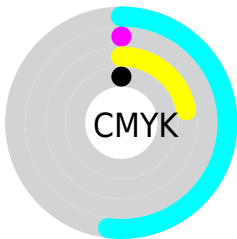
Distribution



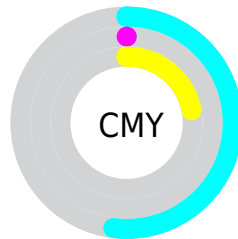
- Red (48%)
- Green (100%)
- Blue (78%)



- Red (48%)
- Yellow (81%)
- Blue (100%)



- Cyan (52%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (52%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AFFC6 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 7AFFC6 by changing the saturation by 10% instead.

 7AFFC6

FFFFFF

 B6FFFF

 D4FFFF

 F2FFFF

 7AFFC6

 5BE2AB

 39C590

 00AA76

 008E5E

 007446

 005A2F

 00421A

 002C00

 000B00

 7AFFC6

 7AFFC6

 61FFBB

 94FFD1

 47FFB0

 ADFFDC

 2EFFA5

 C7FFE7

 14FF9A

 E0FFF2

 00FF92

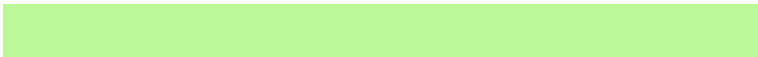
 FAFFFD

 FFFFFF

Harmonies

Analogous

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



BCF79A



7AFFC6



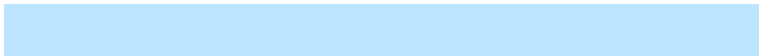
00FFFA

Triad

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



7AFFC6



BDE5FF



FFC8A6

Complementary

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



7AFFC6



FF7AB3

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.



FFBFD5



7AFFC6



FFD2FF

Square

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



7AFFC6



59F5FF



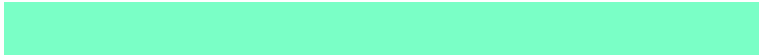
FFC3FF



FFD988

Rectangle

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



7AFFC6



00FFFF



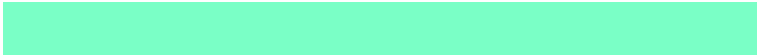
FFC3FF



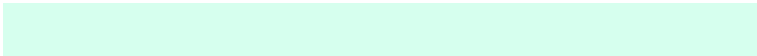
FFC4B4

Sweetspot

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



7AFFC6



D6FFEE



B4FF7A



678075



000000



808080

Same Dimension

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



7AFFC6



5EFFBA



7AF6FF



73807A



00BF6D



004024

Inverse Universe

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



FF7AB3



FF5EA3



FF837A



807378



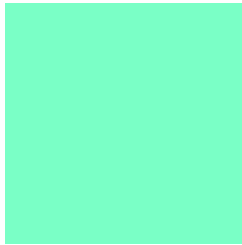
BF0052



40001B

Previews

White Background



This preview shows how the Hex color 7AFFC6 looks on a white background.

Color Contrast Check

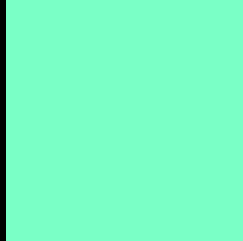
Large Text (above 18pt) WCAG AA × Fail

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 7AFFC6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

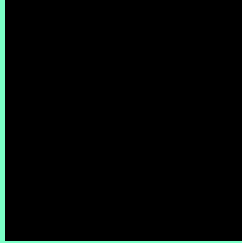
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

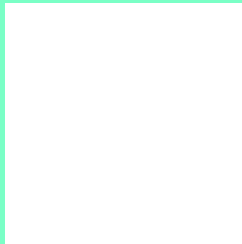
Any Text WCAG AAA ✓ Pass

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

Hex 7AFFC6 Background



This preview shows how black text looks on a background with the Hex color 7AFFC6.

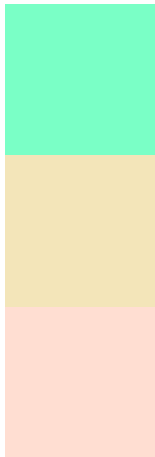


This preview shows how white text looks on a background with the Hex color 7AFFC6.

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](#).

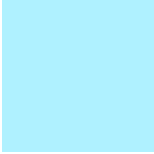
Dichromacy



Original Color
7AFFC6

Protanopia
F3E5B9

Deuteranopia
FFDED2



Tritanopia
AFF1FF

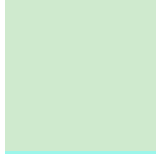
Trichromacy



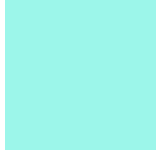
Original Color
7AFFC6



Protanomaly
C7EEBE

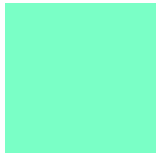


Deuteranomaly
CFEACE

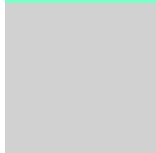


Tritanomaly
9CF6EA

Monochromacy



Original Color
7AFFC6



Achromatopsia
D1D1D1



Achromatomaly
B1E2CD

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AFFC6 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 #7AFFC6 looks like.

```
.text, #text, p{  
    color:#7AFFC6  
}
```

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 #7AFFC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AFFC6
}
```

Border

The CSS property to change the border of an element to Hex 7AFFC6 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
#7AFFC6 }
```

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

```
.border{ border-color:#7AFFC6 }
```

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

Here you see how a box with a 4 pixel #7AFFC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AFFC6; -webkit-box-shadow:4px 4px  
4px 4px #7AFFC6; box-shadow:4px 4px 4px  
4px #7AFFC6 }
```

Background

The CSS property to change the background color of an element to Hex 7AFFC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AFFC6 }
```

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

```
.background{ background-color:#7AFFC6 }
```

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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