

Converting Colors

Hex(7AFFCE)

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

Hex(7AFFCE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7AFFCE)

Conversions

Conversions Part 1

Format	Color
Hex	7AFFCE
RGB	122, 255, 206
RGB Percent	48%, 100%, 81%
CMY	0.5216, 0.0000, 0.1922
CMYK	0.52, 0.00, 0.19, 0.00
HSL	158°, 100%, 74%
HSV	158°, 52%, 100%
XYZ	54.9266, 80.1138, 70.9611
YIQ	209.6470, -63.5390, -43.4350

Conversions

Conversions Part 2

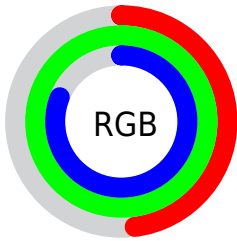
Format	Color
RYB	122, 204, 255
Decimal	8060878
CIELab	91.74, -47.91, 12.35
CIELCh	92, 49.474, 165.543
Yxy	80.1138, 0.2666, 0.3889
Android (android.graphics.Color)	4286250958 (0xFF7AFFCE)
YUV	209.6470, -1.7980, -76.8664
Hunter-Lab	89.5063, -47.0974, 15.6490

Details

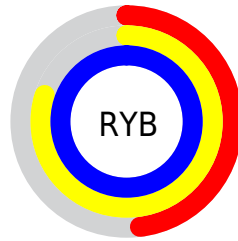
The Hex color **7AFFCE** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF7AAB**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **B6FFFF**, and **39C598** is the 20% darker color. If you saturate the color by 10%, you get **61FFC5**, and if you desaturate by 10%, it is **94FFD7**.

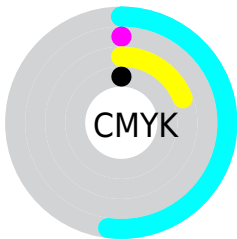
Distribution



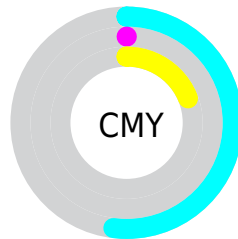
- Red (48%)
- Green (100%)
- Blue (81%)



- Red (48%)
- Yellow (80%)
- Blue (100%)



- Cyan (52%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (52%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 7AFFCE

FFFFFF

 B6FFFF

 D4FFFF

 F2FFFF

 7AFFCE

 5BE2B2

 39C598

 00AA7E

 008F65

 00744D

 005B36

 004220

 002C0A

 000C00

 7AFFCE

 7AFFCE

 61FFC5

 94FFD7

 47FFBB

 ADFFE1

 2EFFB2

 C7FFEA

 14FFA8

 E0FFF4

 00FFA1

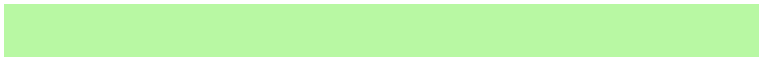
 FAFFFD

FFFFFF

Harmonies

Analogous

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



B8F8A3



7AFFCE



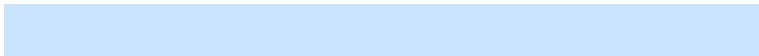
23FFFF

Triad

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



7AFFCE



CAE3FF



FFCA6

Complementary

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



7AFFCE



FF7AAB

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.



FFC3D0



7AFFCE



FFD2FF

Square

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



7AFFCE



75F3FF



FFC5FF



FFDC8B

Rectangle

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



7AFFCE



00FFFF



FFC5FF



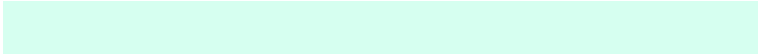
FFC8B2

Sweetspot

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



7AFFCE



D6FFF0



ADFF7A



678077



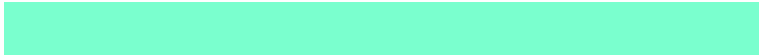
000000



808080

Same Dimension

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



7AFFCE



5EFFC4



7AEFFF



73807B



00BF79



004028

Inverse Universe

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



FF7AAB



FF5E9A



FF8A7A



807377



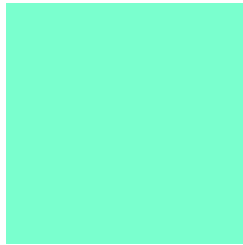
BF0046



400017

Previews

White Background



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

Color Contrast Check

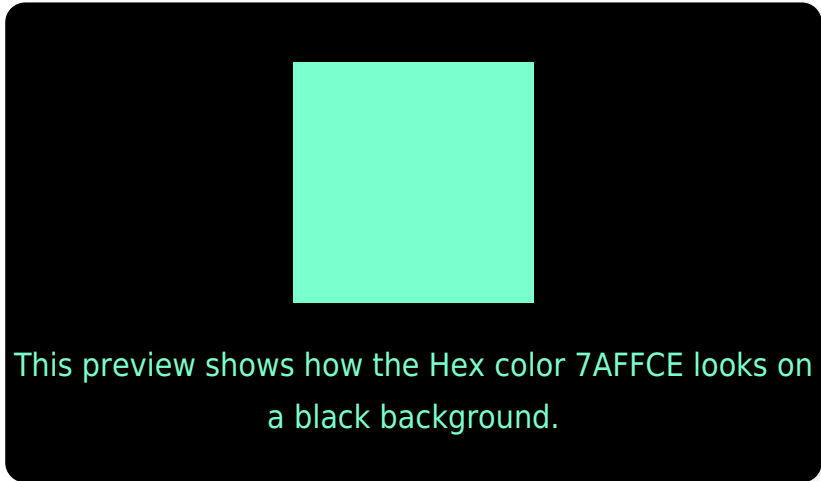
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

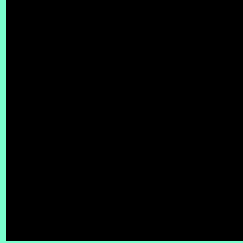
Any Text WCAG AA ✓ Pass

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 7AFFCE Background



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

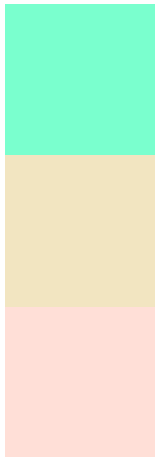


This preview shows how white text looks on a background with the Hex color 7AFFCE.

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](#).

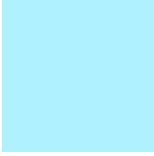
Dichromacy



Original Color
7AFFCE

Protanopia
F2E5C1

Deuteranopia
FFDFD7



Tritanopia
B0F1FF

Trichromacy



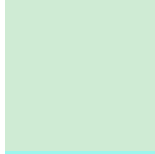
Original Color

7AFFCE



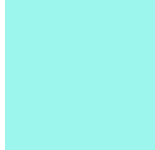
Protanomaly

C6EEC6



Deuteranomaly

CFEBD4



Tritanomaly

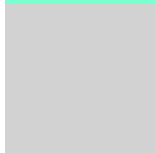
9CF6ED

Monochromacy



Original Color

7AFFCE



Achromatopsia

D2D2D2



Achromatomaly

B2E2D1

CSS Examples

Text

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

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

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 #7AFFCE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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