

Converting Colors

Hex(7AFDBA)

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

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Color

Hex(7AFDBA)

Conversions

Conversions Part 1

Format	Color
Hex	7AFDBA
RGB	122, 253, 186
RGB Percent	48%, 99%, 73%
CMY	0.5216, 0.0078, 0.2706
CMYK	0.52, 0.00, 0.26, 0.01
HSL	149°, 97%, 74%
HSV	149°, 52%, 99%
XYZ	52.0142, 77.9333, 58.7556
YIQ	206.1930, -56.5690, -48.6090

Conversions

Conversions Part 2

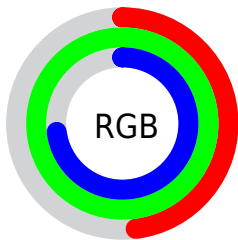
Format	Color
RYB	122, 210, 253
Decimal	8060346
CIELab	90.75, -51.15, 21.22
CIElCh	91, 55.379, 157.465
Yxy	77.9333, 0.2756, 0.4130
Android (android.graphics.Color)	4286250426 (0xFF7AFDBA)
YUV	206.1930, -9.9551, -73.8373
Hunter-Lab	88.2798, -49.3180, 22.3348

Details

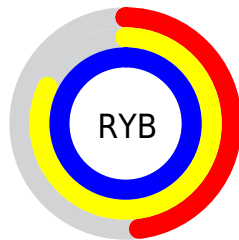
The Hex color **7AFDBA** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FD7ABD**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **B6FFF2**, and **3AC385** is the 20% darker color. If you saturate the color by 10%, you get **61FDAD**, and if you desaturate by 10%, it is **93FDC7**.

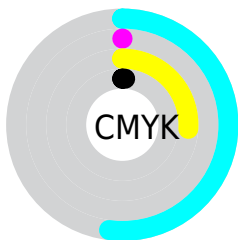
Distribution



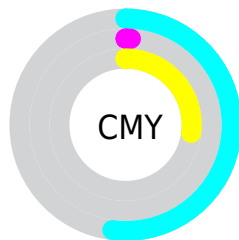
- Red (48%)
- Green (99%)
- Blue (73%)



- Red (48%)
- Yellow (82%)
- Blue (99%)



- Cyan (52%)
- Magenta (0%)
- Yellow (26%)
- Black (1%)



- Cyan (52%)
- Magenta (1%)
- Yellow (27%)

Brightness & Saturation Gradients

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

 7AFDBA

 7AFDBA

FFFFFF

 5BE09F

 B6FFF2

 3AC385

 D3FFFF

 02A86B

 F2FFFF

 008D53

 00723B

 005925

 00400F

 002A00

 000500

 7AFDBA

 7AFDBA

 61FDAD

 93FDC7

 47FDA0

 ADFDD4

 2EFD93

 C6FDE1

 15FD86

 DFFDEE

 00FD7C

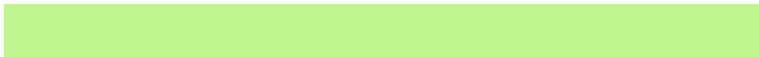
 F9FDFB

 FFFDFF

Harmonies

Analogous

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



C0F48E



7AFDBA



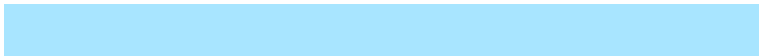
00FF0

Triad

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



7AFDBA



A8E5FF



FFC2A7

Complementary

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



7AFDBA



FD7ABD

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.



FFB9D9



7AFDBA



FBD2FF

Square

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



7AFDBA



08F5FF



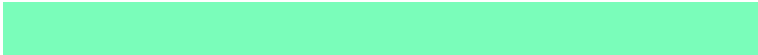
FFC0FF



FFD383

Rectangle

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



7AFDBA



00FFFF



FFC0FF



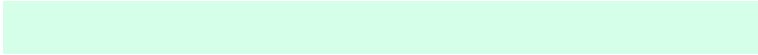
FFBDB6

Sweetspot

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



7AFDBA



D6FFEA



BEFD7A



678073



000000



808080

Same Dimension

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



7AFDBA



61FFAE



7AFDFB



738079



00BF5D



00401F

Inverse Universe

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



FD7ABD



FF61B2



FD7A7C



807379



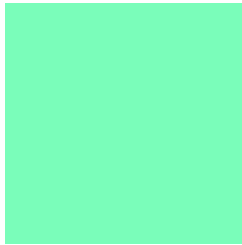
BF0062



400021

Previews

White Background



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

Color Contrast Check

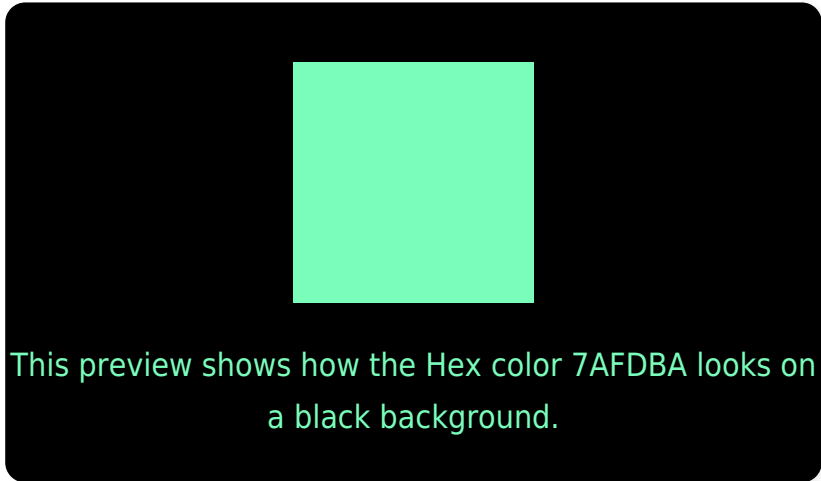
Large Text (above 18pt) WCAG AA × Fail

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 7AFDBA Background



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

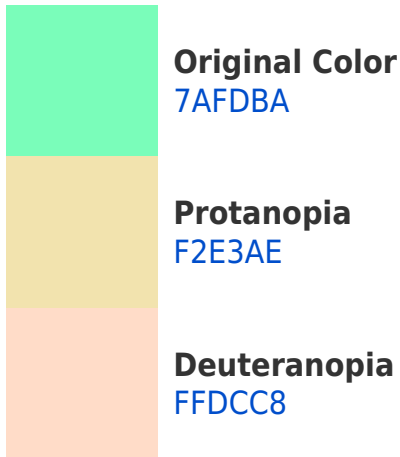


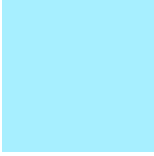
This preview shows how white text looks on a background with the Hex color 7AFDBA.

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





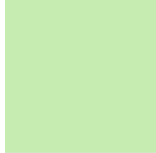
Tritanopia
A7EFFF

Trichromacy



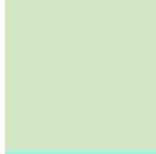
Original Color

7AFDBA



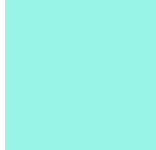
Protanomaly

C6ECB2



Deuteranomaly

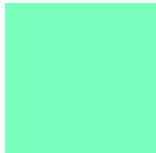
CFE8C3



Tritanomaly

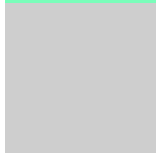
97F4E6

Monochromacy



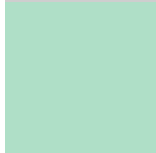
Original Color

7AFDBA



Achromatopsia

CECECE



Achromatomaly

AFDFC7

CSS Examples

Text

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

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

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 #7AFDBA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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