

Converting Colors

Hex(7CFEAB)

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

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Color

Hex(7CFEAB)

Conversions

Conversions Part 1

Format	Color
Hex	7CFEAB
RGB	124, 254, 171
RGB Percent	49%, 100%, 67%
CMY	0.5137, 0.0039, 0.3294
CMYK	0.51, 0.00, 0.33, 0.00
HSL	142°, 98%, 74%
HSV	142°, 51%, 100%
XYZ	51.1047, 78.1090, 50.9111
YIQ	205.6680, -50.8370, -53.3730

Conversions

Conversions Part 2

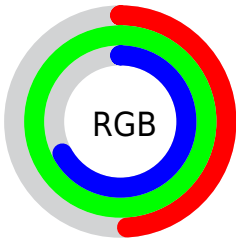
Format	Color
RYB	124, 219, 254
Decimal	8191659
CIELab	90.83, -53.89, 28.96
CIElCh	91, 61.181, 151.751
Yxy	78.1090, 0.2837, 0.4336
Android (android.graphics.Color)	4286381739 (0xFF7CFEAB)
YUV	205.6680, -17.0913, -71.6228
Hunter-Lab	88.3793, -51.4474, 27.7113

Details

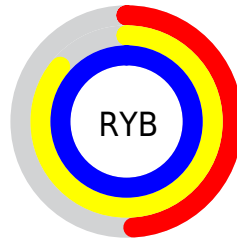
The Hex color **7CFEAB** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FE7CCF**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **B7FFE3**, and **3DC476** is the 20% darker color. If you saturate the color by 10%, you get **63FE9B**, and if you desaturate by 10%, it is **95FEBB**.

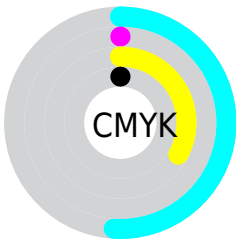
Distribution



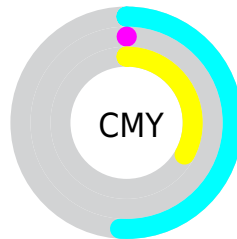
- Red (49%)
- Green (100%)
- Blue (67%)



- Red (49%)
- Yellow (86%)
- Blue (100%)



- Cyan (51%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)



- Cyan (51%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 7CFEAB

 7CFEAB

FFFFFF

 5EE190

 B7FFE3

 3DC476

 D5FFFF

 0BA95D

 F4FFFF

 008D45

 00732D

 005916

 004000

 002A00

 000600

 7CFEAB

 7CFEAB

 63FE9B

 95FEBB

 49FE8B

 AFFECB

 30FE7A

 C8FEDC

 16FE6A

 E2FEEC

 00FE5C

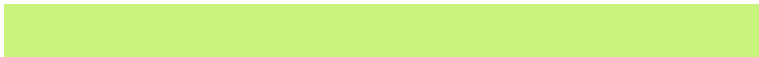
 FBFEFC

FFFEFF

Harmonies

Analogous

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



C8F37D



7CFEAB



00FE6

Triad

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



7CFEAB



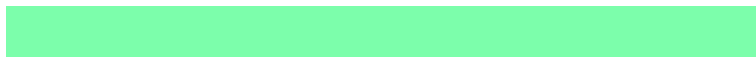
84EAFF



FFBAAA

Complementary

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



7CFEAB



FE7CCF

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.



FFB4E4



7CFEAB



EED4FF

Square

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



7CFEAB



00F9FF



FFBEFF



FFCE7E

Rectangle

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



7CFEAB



00FFFF



FFBEFF



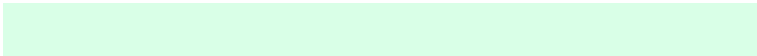
FFB6BC

Sweetspot

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



7CFEAB



D9FFE7



D1FE7C



698071



000000



808080

Same Dimension

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



7CFEAB



63FF9C



7CFEEA



738077



00BF45



004017

Inverse Universe

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



FE7CCF



FF63C7



FE7C90



80737B



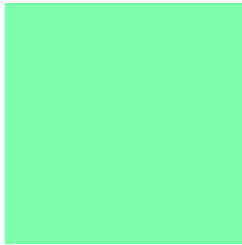
BF007A



400029

Previews

White Background



This preview shows how the Hex color 7CFEAB 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 7CFEAB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

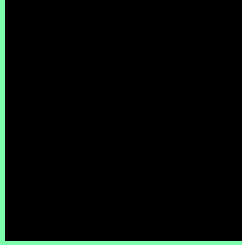
Any Text WCAG AA ✓ Pass

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 7CFEAB Background



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

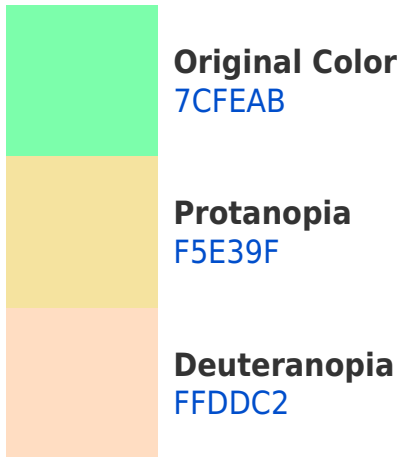


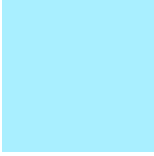
This preview shows how white text looks on a background with the Hex color 7CFEAB.

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
A9EFFF

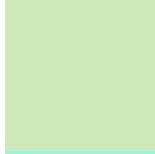
Trichromacy



Original Color
7CFEAB



Protanomaly
C9EDA3



Deuteranomaly
CFE9BA

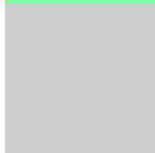


Tritanomaly
99F4E0

Monochromacy



Original Color
7CFEAB



Achromatopsia
CECECE



Achromatomaly
B0DFC1

CSS Examples

Text

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

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

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 #7CFEAB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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