

Converting Colors

Hex(73FFAE)

Have a look what the booklet for
Hex(73FFAE) contains.

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Color

Hex(73FFAE)

Conversions

Conversions Part 1

Format	Color
Hex	73FFAE
RGB	115, 255, 174
RGB Percent	45%, 100%, 68%
CMY	0.5490, 0.0000, 0.3176
CMYK	0.55, 0.00, 0.32, 0.00
HSL	145°, 100%, 73%
HSV	145°, 55%, 100%
XYZ	50.4702, 78.2208, 52.4825
YIQ	203.9060, -57.4390, -54.8710

Conversions

Conversions Part 2

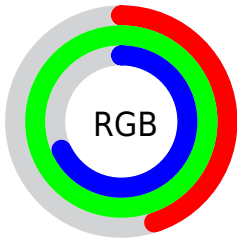
Format	Color
RYB	115, 213, 255
Decimal	7602094
CIELab	90.88, -55.80, 27.46
CIELCh	91, 62.196, 153.796
Yxy	78.2208, 0.2786, 0.4317
Android (android.graphics.Color)	4285792174 (0xFF73FFAE)
YUV	203.9060, -14.7437, -77.9706
Hunter-Lab	88.4425, -52.9125, 26.7266

Details

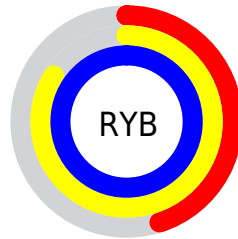
The Hex color **73FFAE** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FF73C4**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **B0FFE6**, and **2EC579** is the 20% darker color. If you saturate the color by 10%, you get **5AFF9F**, and if you desaturate by 10%, it is **8DFFBD**.

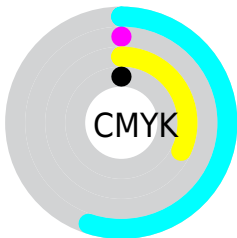
Distribution



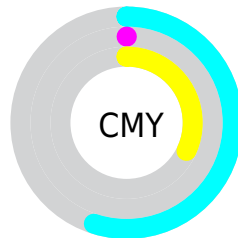
- Red (45%)
- Green (100%)
- Blue (68%)



- Red (45%)
- Yellow (84%)
- Blue (100%)



- Cyan (55%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)



- Cyan (55%)
- Magenta (0%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73FFAE 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 73FFAE by changing the saturation by 10% instead.

 73FFAE

 73FFAE

FFFFFF

 53E293

 B0FFE6

 2EC579

 CEFFFF

 00A960

 ECFFFF

 008E47

 007430

 005A19

 004101

 002A00

 000600

 73FFAE

 73FFAE

 5AFF9F

 8DFFBD

 40FF90

 A6FFCC

 26FF82

 C0FFDA

 0DFF73

 D9FFE9

 00FF6B

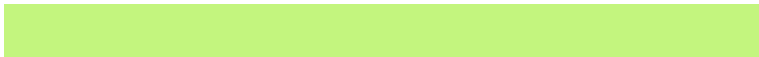
 F3FFF8

FFFFFF

Harmonies

Analogous

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



C3F57E



73FFAE



00FFEB

Triad

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



73FFAE



8BE9FF



FFBBA6

Complementary

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



73FFAE



FF73C4

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.



FFB2E0



73FFAE



F3D2FF

Square

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



73FFAE



00F9FF



FFBCFF



FFCF7A

Rectangle

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



73FFAE



00FFFF



FFBCFF



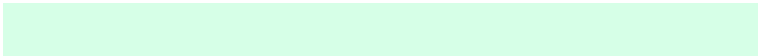
FFB6B8

Sweetspot

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



73FFAE



D6FFE7



C5FF73



678071



000000



808080

Same Dimension

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



73FFAE



57FF9E



73FFF3



738078



00BF51



00401B

Inverse Universe

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



FF73C4



FF57B8



FF737F



80737A



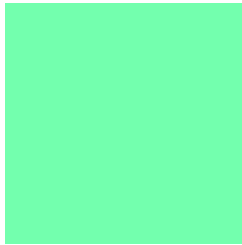
BF006F



400025

Previews

White Background



This preview shows how the Hex color 73FFAE looks on a white background.

Color Contrast Check

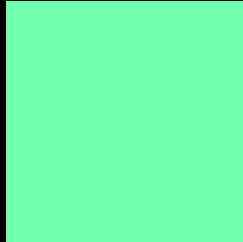
Large Text (above 18pt) WCAG AA × Fail

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 73FFAE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

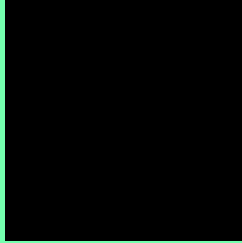
Any Text WCAG AA ✓ Pass

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 73FFAE Background



This preview shows how black text looks on a background with the Hex color 73FFAE.

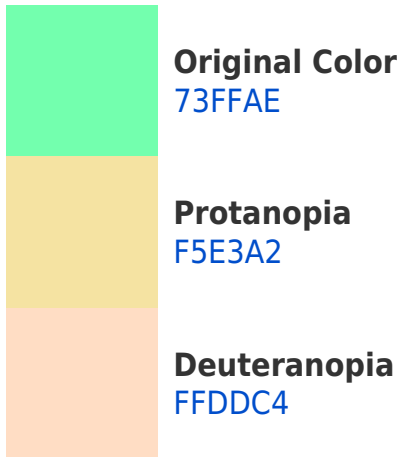


This preview shows how white text looks on a background with the Hex color 73FFAE.

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



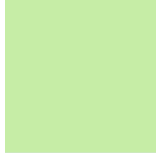


Tritanopia
A7F0FF

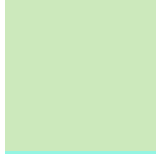
Trichromacy



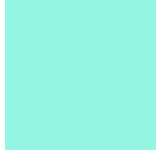
Original Color
73FFAE



Protanomaly
C6EDA6



Deuteranomaly
CCE9BC

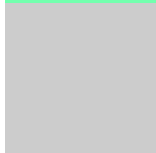


Tritanomaly
94F5E2

Monochromacy



Original Color
73FFAE



Achromatopsia
CCCCCC



Achromatomaly
ACDFC1

CSS Examples

Text

The CSS property to change the color of the text to Hex 73FFAE 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 #73FFAE looks like.

```
.text, #text, p{  
    color:#73FFAE  
}
```

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 #73FFAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73FFAE
}
```

Border

The CSS property to change the border of an element to Hex 73FFAE 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
#73FFAE }
```

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

```
.border{ border-color:#73FFAE }
```

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

Here you see how a box with a 4 pixel #73FFAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73FFAE; -webkit-box-shadow:4px 4px  
4px 4px #73FFAE; box-shadow:4px 4px 4px  
4px #73FFAE }
```

Background

The CSS property to change the background color of an element to Hex 73FFAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73FFAE }
```

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

```
.background{ background-color:#73FFAE }
```

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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