

Converting Colors

Hex(76FFAD)

Have a look what the booklet for
Hex(76FFAD) contains.

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Color

Hex(76FFAD)

Conversions

Conversions Part 1

Format	Color
Hex	76FFAD
RGB	118, 255, 173
RGB Percent	46%, 100%, 68%
CMY	0.5373, 0.0000, 0.3216
CMYK	0.54, 0.00, 0.32, 0.00
HSL	144°, 100%, 73%
HSV	144°, 54%, 100%
XYZ	50.7740, 78.3887, 51.9896
YIQ	204.6890, -55.3300, -54.5460

Conversions

Conversions Part 2

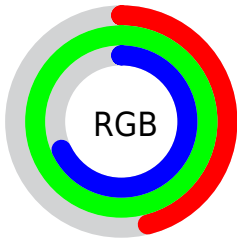
Format	Color
RYB	118, 216, 255
Decimal	7798701
CIELab	90.96, -55.32, 28.09
CIElCh	91, 62.044, 153.082
Yxy	78.3887, 0.2803, 0.4327
Android (android.graphics.Color)	4285988781 (0xFF76FFAD)
YUV	204.6890, -15.6227, -76.0263
Hunter-Lab	88.5374, -52.5750, 27.1608

Details

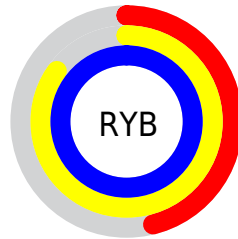
The Hex color **76FFAD** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FF76C8**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **B2FFE5**, and **33C578** is the 20% darker color. If you saturate the color by 10%, you get **5DFF9E**, and if you desaturate by 10%, it is **90FFBC**.

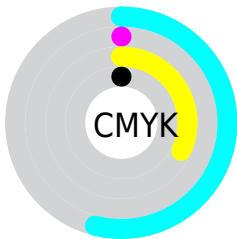
Distribution



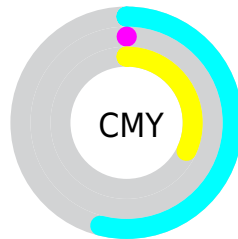
- Red (46%)
- Green (100%)
- Blue (68%)



- Red (46%)
- Yellow (85%)
- Blue (100%)



- Cyan (54%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)




- Cyan (54%)
- Magenta (0%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76FFAD 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 76FFAD by changing the saturation by 10% instead.

 76FFAD

FFFFFF

 B2FFE5

 D0FFFF

 EFFFFFF

 76FFAD

 57E292

 33C578

 00A95F

 008E46


 00742F

 005A18

 004100

 002A00

 000700

 76FFAD

 76FFAD

 5DFF9E

 90FFBC

 43FF8E

 A9FFCC

 2AFF7F

 C3FFDB

 10FF70

 DCFFEA

 00FF66

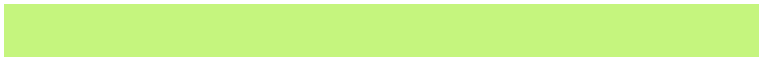
 F6FFF9

FFFFFF

Harmonies

Analogous

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



C5F57E



76FFAD



00FFEA

Triad

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



76FFAD



88E9FF



FFBBA7

Complementary

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



76FFAD



FF76C8

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.



FFB3E1



76FFAD



F2D3FF

Square

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



76FFAD



00F9FF



FFBDFD



FFCE7B

Rectangle

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



76FFAD



00FFFF



FFBDFD



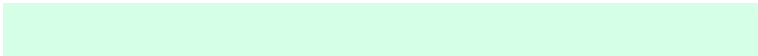
FFB6BA

Sweetspot

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



76FFAD



D6FFE7



C8FF76



678071



000000



808080

Same Dimension

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



76FFAD



5CFF9D



76FFF1



738078



00BF4D



00401A

Inverse Universe

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



FF76C8



FF5CBD



FF7684



80737A



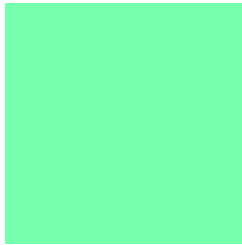
BF0072



400026

Previews

White Background



This preview shows how the Hex color 76FFAD looks on a white background.

Color Contrast Check

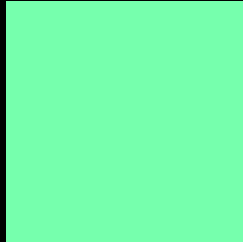
Large Text (above 18pt) WCAG AA × Fail

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 76FFAD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

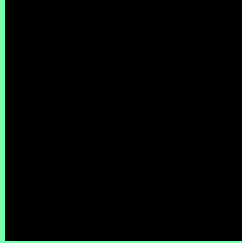
Any Text WCAG AA ✓ Pass

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 76FFAD Background



This preview shows how black text looks on a background with the Hex color 76FFAD.

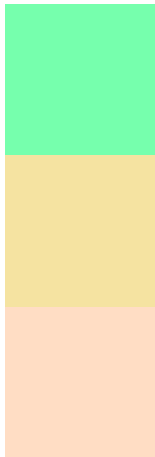


This preview shows how white text looks on a background with the Hex color 76FFAD.

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](#).

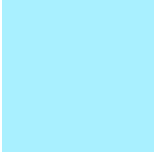
Dichromacy



Original Color
76FFAD

Protanopia
F5E3A1

Deuteranopia
FFDCC4



Tritanopia
A9F0FF

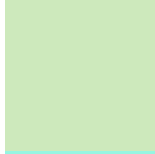
Trichromacy



Original Color
76FFAD



Protanomaly
C7EDA5



Deuteranomaly
CDE9BC

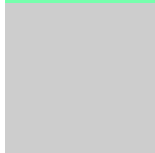


Tritanomaly
96F5E1

Monochromacy



Original Color
76FFAD



Achromatopsia
CDCDCD



Achromatomaly
ADDFC1

CSS Examples

Text

The CSS property to change the color of the text to Hex 76FFAD 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 #76FFAD looks like.

```
.text, #text, p{  
    color:#76FFAD  
}
```

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 #76FFAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76FFAD
}
```

Border

The CSS property to change the border of an element to Hex 76FFAD 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
#76FFAD }
```

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

```
.border{ border-color:#76FFAD }
```

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

Here you see how a box with a 4 pixel #76FFAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76FFAD; -webkit-box-shadow:4px 4px  
4px 4px #76FFAD; box-shadow:4px 4px 4px  
4px #76FFAD }
```

Background

The CSS property to change the background color of an element to Hex 76FFAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76FFAD }
```

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

```
.background{ background-color:#76FFAD }
```

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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