

Converting Colors

Hex(7AFF82)

Have a look what the booklet for
Hex(7AFF82) contains.

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Color

Hex(7AFF82)

Conversions

Conversions Part 1

Format	Color
Hex	7AFF82
RGB	122, 255, 130
RGB Percent	48%, 100%, 51%
CMY	0.5216, 0.0000, 0.4902
CMYK	0.52, 0.00, 0.49, 0.00
HSL	124°, 100%, 74%
HSV	124°, 52%, 100%
XYZ	47.8153, 77.2693, 33.5134
YIQ	200.9830, -39.1430, -67.0710

Conversions

Conversions Part 2

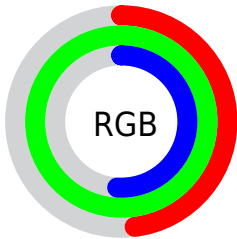
Format	Color
RYB	122, 247, 255
Decimal	8060802
CIELab	90.45, -61.16, 48.49
CIELCh	90, 78.047, 141.589
Yxy	77.2693, 0.3015, 0.4872
Android (android.graphics.Color)	4286250882 (0xFF7AFF82)
YUV	200.9830, -34.9946, -69.2681
Hunter-Lab	87.9029, -56.7341, 38.9275

Details

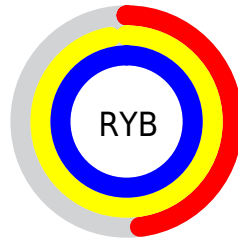
The Hex color **7AFF82** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FF7AF7**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **B6FFB9**, and **38C54D** is the 20% darker color. If you saturate the color by 10%, you get **61FF6A**, and if you desaturate by 10%, it is **94FF9A**.

Distribution



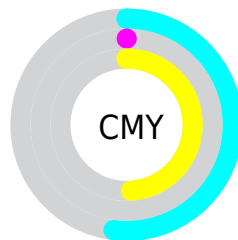
- Red (48%)
- Green (100%)
- Blue (51%)



- Red (48%)
- Yellow (97%)
- Blue (100%)



- Cyan (52%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)



- Cyan (52%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AFF82 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 7AFF82 by changing the saturation by 10% instead.

 7AFF82

 7AFF82

FFFFFF

 5BE267

 B6FFB9

 38C54D

 D5FFD5

 00A933

 F3FFF2

 008E16

 007300

 005900

 004000

 002900

 000300

 7AFF82

 7AFF82

 61FF6A

 94FF9A

 47FF52

 ADFFB2

 2EFF3A

 C7FFCA

 14FF22

 E0FFE2

 00FF0F

 FAFFFA

FFFFFF

Harmonies

Analogous

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



D7F04C



7AFF82



00FFCB

Triad

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



7AFF82



00F2FF



FFA3B1

Complementary

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



7AFF82



FF7AF7

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.



FFA1FC



7AFF82



C0D9FF

Square

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



7AFF82



00FFFF



FFB9FF



FFBB70

Rectangle

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



7AFF82



00FFFF



FFB9FF



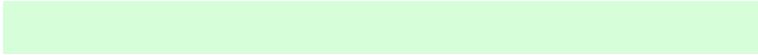
FF9FCA

Sweetspot

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



7AFF82



D6FFD9



F8FF7A



678069



000000



808080

Same Dimension

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



7AFF82



5EFF68



7AFFC3



738074



00BF0C



004004

Inverse Universe

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



FF7AF7



FF5EF5



FF7AB6



80737F



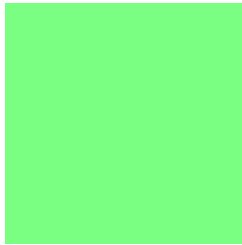
BF00B4



40003C

Previews

White Background



This preview shows how the Hex color 7AFF82 looks on a white background.

Color Contrast Check

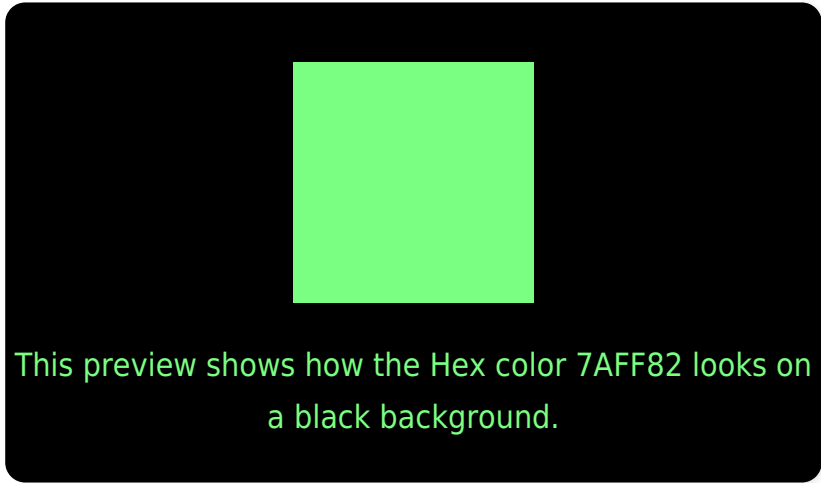
Large Text (above 18pt) WCAG AA × Fail

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

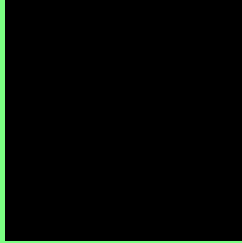
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

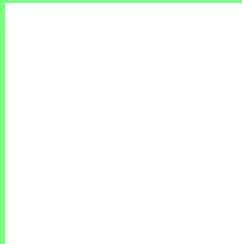
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7AFF82 Background



This preview shows how black text looks on a background with the Hex color 7AFF82.

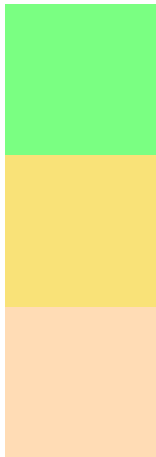


This preview shows how white text looks on a background with the Hex color 7AFF82.

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](#).

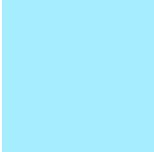
Dichromacy



Original Color
7AFF82

Protanopia
F9E278

Deuteranopia
FFDCB5

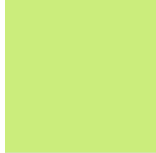


Tritanopia
A6EEFF

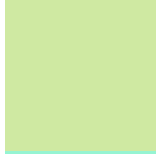
Trichromacy



Original Color
7AFF82



Protanomaly
CBED7C

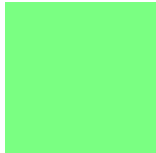


Deuteranomaly
CFE9A2



Tritanomaly
96F4D2

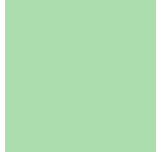
Monochromacy



Original Color
7AFF82



Achromatopsia
C9C9C9



Achromatomaly
ACDDAF

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AFF82 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 #7AFF82 looks like.

```
.text, #text, p{  
    color:#7AFF82  
}
```

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 #7AFF82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AFF82
}
```

Border

The CSS property to change the border of an element to Hex 7AFF82 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
#7AFF82 }
```

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

```
.border{ border-color:#7AFF82 }
```

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

Here you see how a box with a 4 pixel #7AFF82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AFF82; -webkit-box-shadow:4px 4px  
4px 4px #7AFF82; box-shadow:4px 4px 4px  
4px #7AFF82 }
```

Background

The CSS property to change the background color of an element to Hex 7AFF82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AFF82 }
```

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

```
.background{ background-color:#7AFF82 }
```

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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