

Converting Colors

Hex(7AFF70)

Have a look what the booklet for
Hex(7AFF70) contains.

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Color

Hex(7AFF70)

Conversions

Conversions Part 1

Format	Color
Hex	7AFF70
RGB	122, 255, 112
RGB Percent	48%, 100%, 44%
CMY	0.5216, 0.0000, 0.5608
CMYK	0.52, 0.00, 0.56, 0.00
HSL	116°, 100%, 72%
HSV	116°, 56%, 100%
XYZ	46.7107, 76.8274, 27.6965
YIQ	198.9310, -33.3650, -72.6690

Conversions

Conversions Part 2

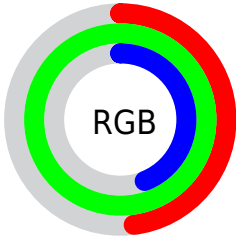
Format	Color
RYB	112, 255, 245
Decimal	8060784
CIELab	90.24, -63.37, 56.45
CIELCh	90, 84.866, 138.301
Yxy	76.8274, 0.3089, 0.5080
Android (android.graphics.Color)	4286250864 (0xFF7AFF70)
YUV	198.9310, -42.8570, -67.4685
Hunter-Lab	87.6513, -58.2644, 42.6211

Details

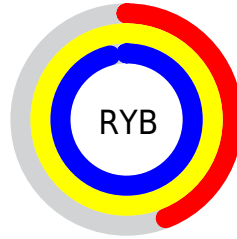
The Hex color **7AFF70** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **F570FF**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **B7FFA7**, and **37C539** is the 20% darker color. If you saturate the color by 10%, you get **62FF57**, and if you desaturate by 10%, it is **92FF8A**.

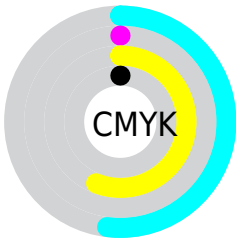
Distribution



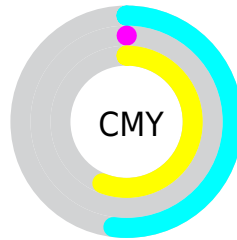
- Red (48%)
- Green (100%)
- Blue (44%)



- Red (44%)
- Yellow (100%)
- Blue (96%)



- Cyan (52%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)



- Cyan (52%)
- Magenta (0%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AFF70 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 7AFF70 by changing the saturation by 10% instead.

 7AFF70

FFFFFF

 B7FFA7

 D5FFC3

 F4FFE0


FFFFFFD

 7AFF70

 5AE255

 37C539


 00A91B

 008E00

 007300

 005900

 004000

 002900

 000200

 7AFF70

 7AFF70

 62FF57

 92FF8A

 4BFF3D

 A9FFA3

 33FF23

 C1FFBD

 1BFF0A

 D9FFD6

 12FF00

 F1FFF0

FFFFFF

Harmonies

Analogous

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



DDEE33



7AFF70



00FFBF

Triad

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



7AFF70



00F5FF



FF98B5

Complementary

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



7AFF70



F570FF

Split Complementary

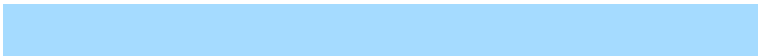
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF99FF



7AFF70



A5DBFF

Square

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



7AFF70



00FFFF



FFB7FF



FFB36B

Rectangle

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



7AFF70



00FFF8



FFB7FF



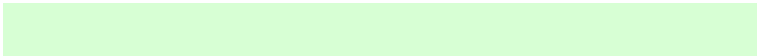
FF94D0

Sweetspot

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



7AFF70



D7FFD4



FFF370



688066



000000



808080

Same Dimension

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



7AFF70



60FF54



70FFAC



748073



0DBF00



044000

Inverse Universe

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



F570FF



F354FF



FF70C3



7F7380



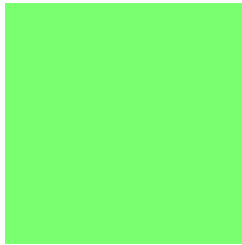
B200BF



3B0040

Previews

White Background



This preview shows how the Hex color 7AFF70 looks on a white background.

Color Contrast Check

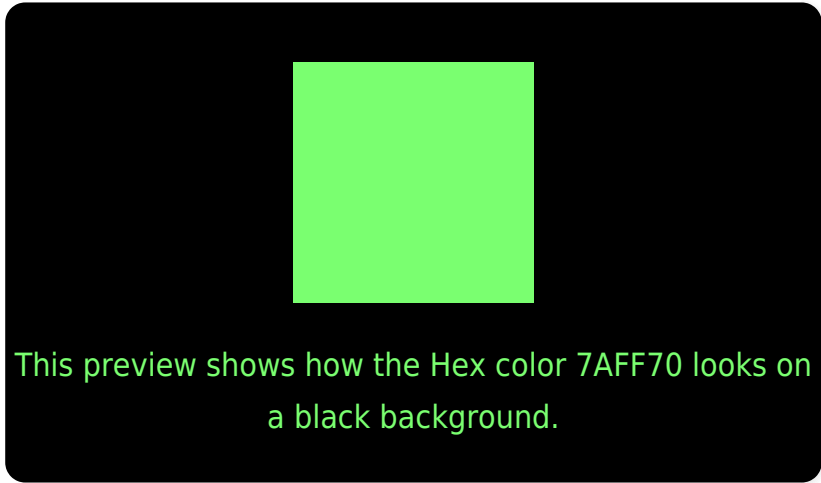
Large Text (above 18pt) WCAG AA × Fail

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

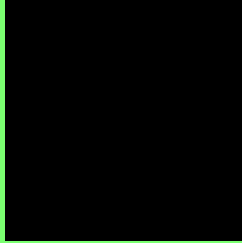
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

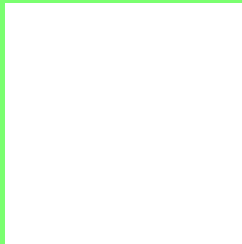
Any Text WCAG AAA ✓ Pass

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

Hex 7AFF70 Background



This preview shows how black text looks on a background with the Hex color 7AFF70.

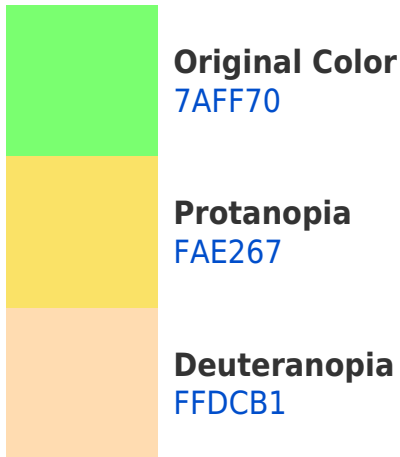


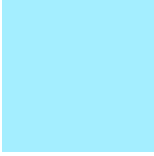
This preview shows how white text looks on a background with the Hex color 7AFF70.

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





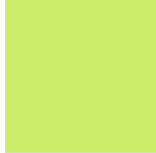
Tritanopia
A4EEFF

Trichromacy



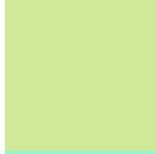
Original Color

7AFF70



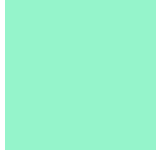
Protanomaly

CBED6A



Deuteranomaly

CFE999



Tritanomaly

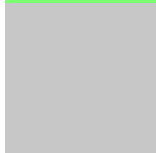
95F4CB

Monochromacy



Original Color

7AFF70



Achromatopsia

C7C7C7



Achromatomaly

ABDBA7

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AFF70 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 #7AFF70 looks like.

```
.text, #text, p{  
    color:#7AFF70  
}
```

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 #7AFF70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AFF70
}
```

Border

The CSS property to change the border of an element to Hex 7AFF70 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
#7AFF70 }
```

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

```
.border{ border-color:#7AFF70 }
```

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

Here you see how a box with a 4 pixel #7AFF70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AFF70; -webkit-box-shadow:4px 4px  
4px 4px #7AFF70; box-shadow:4px 4px 4px  
4px #7AFF70 }
```

Background

The CSS property to change the background color of an element to Hex 7AFF70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AFF70 }
```

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

```
.background{ background-color:#7AFF70 }
```

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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