

Converting Colors

Hex(7AFF69)

Have a look what the booklet for
Hex(7AFF69) contains.

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Color

Hex(7AFF69)

Conversions

Conversions Part 1

Format	Color
Hex	7AFF69
RGB	122, 255, 105
RGB Percent	48%, 100%, 41%
CMY	0.5216, 0.0000, 0.5882
CMYK	0.52, 0.00, 0.59, 0.00
HSL	113°, 100%, 71%
HSV	113°, 59%, 100%
XYZ	46.3358, 76.6775, 25.7227
YIQ	198.1330, -31.1180, -74.8460

Conversions

Conversions Part 2

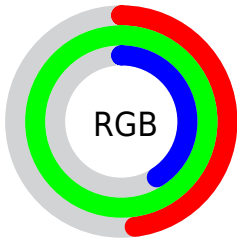
Format	Color
RYB	105, 255, 238
Decimal	8060777
CIELab	90.17, -64.13, 59.42
CIELCh	90, 87.423, 137.181
Yxy	76.6775, 0.3115, 0.5155
Android (android.graphics.Color)	4286250857 (0xFF7AFF69)
YUV	198.1330, -45.9146, -66.7686
Hunter-Lab	87.5657, -58.7857, 43.8794

Details

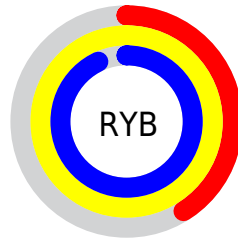
The Hex color **7AFF69** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **EE69FF**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **B7FFA0**, and **36C531** is the 20% darker color. If you saturate the color by 10%, you get **63FF50**, and if you desaturate by 10%, it is **91FF83**.

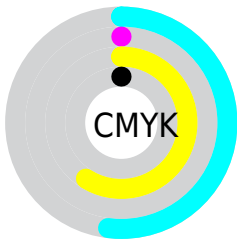
Distribution



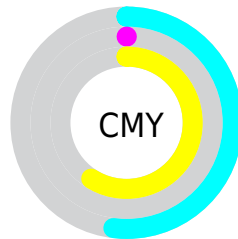
- Red (48%)
- Green (100%)
- Blue (41%)



- Red (41%)
- Yellow (100%)
- Blue (93%)



- Cyan (52%)
- Magenta (0%)
- Yellow (59%)
- Black (0%)



- Cyan (52%)
- Magenta (0%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AFF69 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 7AFF69 by changing the saturation by 10% instead.

 7AFF69

 7AFF69

FFFFFF

 5AE24E

 B7FFA0

 36C531

 D5FFBD

 00A90C

 F4FFD9

 008E00

 FFFFF7

 007300

 005900

 004000


 002800

 000100

 7AFF69

 7AFF69

 63FF50

 91FF83

 4DFF36

 A7FF9C

 36FF1C

 BEFFB5

 20FF03

 D4FFCF

 1DFF00

 EBFFE9

FFFFFF

Harmonies

Analogous

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



DFED26



7AFF69



00FFBB

Triad

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



7AFF69



00F7FF



FF93B6

Complementary

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



7AFF69



EE69FF

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.



FF96FF



7AFF69



99DCFF

Square

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



7AFF69



00FFFF



FFB7FF



FFAF6A

Rectangle

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



7AFF69



00FFF5



FFB7FF



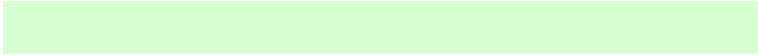
FF90D2

Sweetspot

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



7AFF69



D6FFD1



FFEE69



678063



000000



808080

Same Dimension

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



7AFF69



5EFF4A



69FFA3



748073



16BF00



074000

Inverse Universe

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



EE69FF



EA4AFF



FF69C5



7E7380



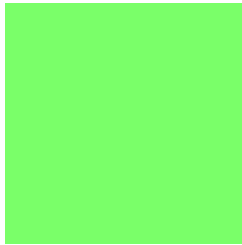
AA00BF



390040

Previews

White Background



This preview shows how the Hex color 7AFF69 looks on a white background.

Color Contrast Check

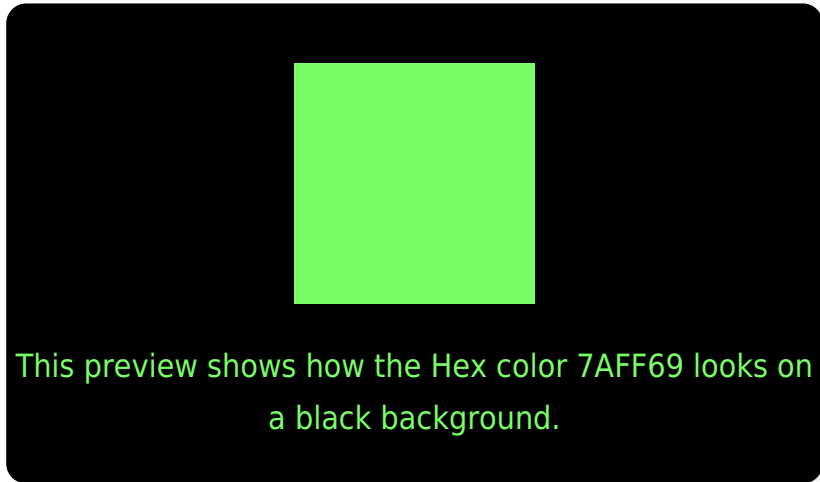
Large Text (above 18pt) WCAG AA × Fail

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

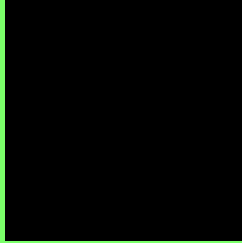
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

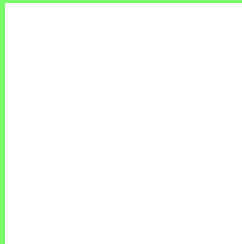
Any Text WCAG AAA ✓ Pass

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

Hex 7AFF69 Background



This preview shows how black text looks on a background with the Hex color 7AFF69.

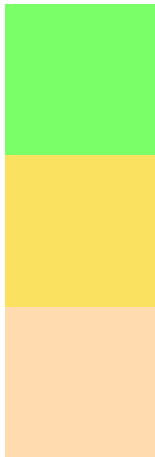


This preview shows how white text looks on a background with the Hex color 7AFF69.

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](#).

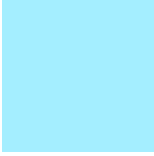
Dichromacy



Original Color
7AFF69

Protanopia
FAE160

Deuteranopia
FFDBAF

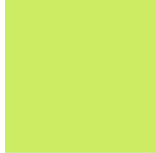


Tritanopia
A4EEFF

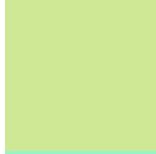
Trichromacy



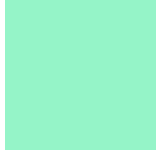
Original Color
7AFF69



Protanomaly
CBEC63

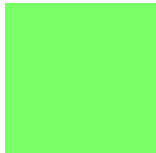


Deuteranomaly
CFE896

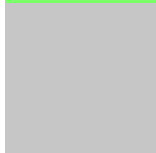


Tritanomaly
95F4C8

Monochromacy



Original Color
7AFF69



Achromatopsia
C6C6C6



Achromatomaly
AADBA4

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AFF69 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 #7AFF69 looks like.

```
.text, #text, p{  
    color:#7AFF69  
}
```

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 #7AFF69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AFF69
}
```

Border

The CSS property to change the border of an element to Hex 7AFF69 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
#7AFF69 }
```

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

```
.border{ border-color:#7AFF69 }
```

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

Here you see how a box with a 4 pixel #7AFF69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AFF69; -webkit-box-shadow:4px 4px  
4px 4px #7AFF69; box-shadow:4px 4px 4px  
4px #7AFF69 }
```

Background

The CSS property to change the background color of an element to Hex 7AFF69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AFF69 }
```

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

```
.background{ background-color:#7AFF69 }
```

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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