

Converting Colors

Hex(7AFF49)

Have a look what the booklet for
Hex(7AFF49) contains.

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Color

Hex(7AFF49)

Conversions

Conversions Part 1

Format	Color
Hex	7AFF49
RGB	122, 255, 73
RGB Percent	48%, 100%, 29%
CMY	0.5216, 0.0000, 0.7137
CMYK	0.52, 0.00, 0.71, 0.00
HSL	104°, 100%, 64%
HSV	104°, 71%, 100%
XYZ	44.9886, 76.1386, 18.6284
YIQ	194.4850, -20.8460, -84.7980

Conversions

Conversions Part 2

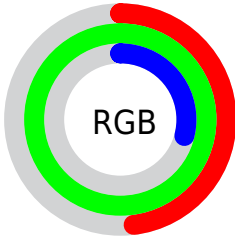
Format	Color
RYB	73, 255, 206
Decimal	8060745
CIELab	89.92, -66.90, 71.60
CIELCh	90, 97.991, 133.058
Yxy	76.1386, 0.3219, 0.5448
Android (android.graphics.Color)	4286250825 (0xFF7AFF49)
YUV	194.4850, -59.8921, -63.5693
Hunter-Lab	87.2574, -60.6686, 48.4225

Details

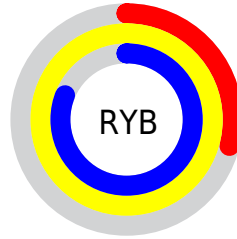
The Hex color **7AFF49** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **CE49FF**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **B8FF83**, and **33C500** is the 20% darker color. If you saturate the color by 10%, you get **67FF30**, and if you desaturate by 10%, it is **8DFF62**.

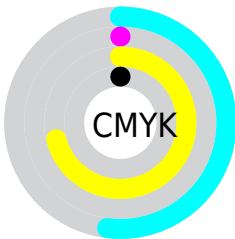
Distribution



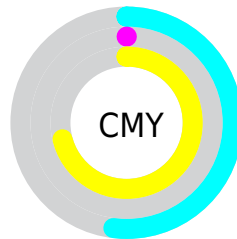
- Red (48%)
- Green (100%)
- Blue (29%)



- Red (29%)
- Yellow (100%)
- Blue (81%)



- Cyan (52%)
- Magenta (0%)
- Yellow (71%)
- Black (0%)



- Cyan (52%)
- Magenta (0%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AFF49 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 7AFF49 by changing the saturation by 10% instead.

 7AFF49

 7AFF49

FFFFFF

 59E228


 B8FF83

 33C500

 D7FFA0

 00A900

 F6FFBD

 008E00

 FFFFDA

 007300

 FFFFF8

 005900

 004000

 002800

 000000

 7AFF49

 7AFF49

 67FF30

 8DFF62

 55FF16

 9FFF7C

 45FF00

 B2FF95

 C5FFAF

 D7FFC9

 EAFFE2

 FCFFFB

FFFFFF

Harmonies

Analogous

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



E8EB00



7AFF49



00FFA8

Triad

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



7AFF49



00FCFF



FF7FBD

Complementary

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



7AFF49



CE49FF

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.



FF8AFF



7AFF49



4DDFFF

Square

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



7AFF49



00FFFF



FFB5FF



FFA065

Rectangle

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



7AFF49



00FFE9



FFB5FF



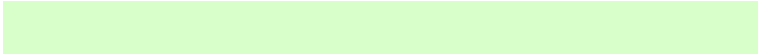
FF7DDD

Sweetspot

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



7AFF49



D8FFC9



FFCB49



688060



000000



808080

Same Dimension

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



7AFF49



5FFF24



49FF70



768073



33BF00



114000

Inverse Universe

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



CE49FF



C424FF



FF49D8



7C7380



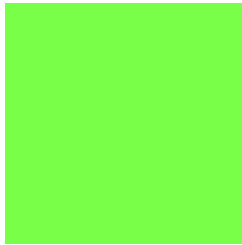
8C00BF



2F0040

Previews

White Background



This preview shows how the Hex color 7AFF49 looks on a white background.

Color Contrast Check

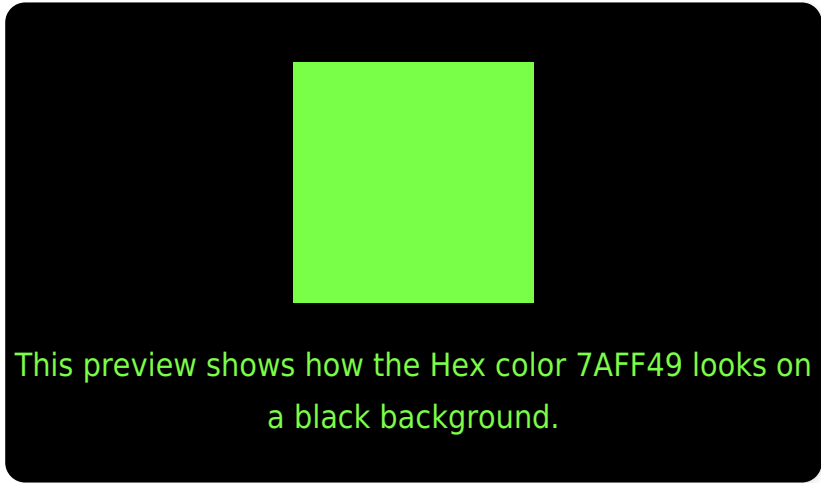
Large Text (above 18pt) WCAG AA × Fail

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

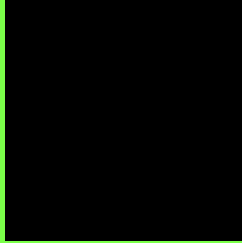
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

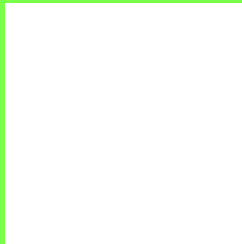
Any Text WCAG AAA ✓ Pass

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

Hex 7AFF49 Background



This preview shows how black text looks on a background with the Hex color 7AFF49.

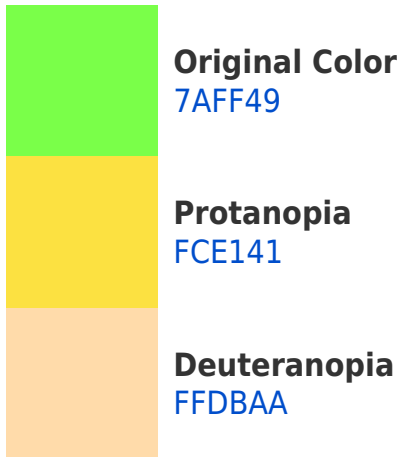


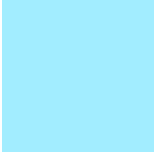
This preview shows how white text looks on a background with the Hex color 7AFF49.

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](#).

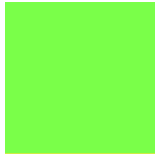
Dichromacy





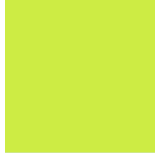
Tritanopia
A2EDFF

Trichromacy



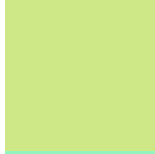
Original Color

7AFF49



Protanomaly

CDEC44



Deuteranomaly

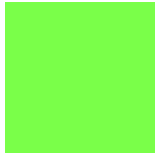
CFE887



Tritanomaly

93F4BD

Monochromacy



Original Color

7AFF49



Achromatopsia

C2C2C2



Achromatomaly

A8D896

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AFF49 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 #7AFF49 looks like.

```
.text, #text, p{  
    color:#7AFF49  
}
```

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 #7AFF49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AFF49
}
```

Border

The CSS property to change the border of an element to Hex 7AFF49 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
#7AFF49 }
```

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

```
.border{ border-color:#7AFF49 }
```

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

Here you see how a box with a 4 pixel #7AFF49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AFF49; -webkit-box-shadow:4px 4px  
4px 4px #7AFF49; box-shadow:4px 4px 4px  
4px #7AFF49 }
```

Background

The CSS property to change the background color of an element to Hex 7AFF49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AFF49 }
```

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

```
.background{ background-color:#7AFF49 }
```

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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