

Converting Colors

Hex(75FF70)

Have a look what the booklet for
Hex(75FF70) contains.

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Color

Hex(75FF70)

Conversions

Conversions Part 1

Format	Color
Hex	75FF70
RGB	117, 255, 112
RGB Percent	46%, 100%, 44%
CMY	0.5412, 0.0000, 0.5608
CMYK	0.54, 0.00, 0.56, 0.00
HSL	118°, 100%, 72%
HSV	118°, 56%, 100%
XYZ	46.0207, 76.4718, 27.6642
YIQ	197.4360, -36.3450, -73.7290

Conversions

Conversions Part 2

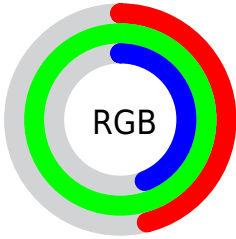
Format	Color
RYB	112, 255, 250
Decimal	7733104
CIELab	90.08, -64.61, 56.22
CIELCh	90, 85.646, 138.972
Yxy	76.4718, 0.3065, 0.5093
Android (android.graphics.Color)	4285923184 (0xFF75FF70)
YUV	197.4360, -42.1199, -70.5424
Hunter-Lab	87.4481, -59.0962, 42.4573

Details

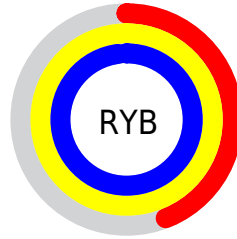
The Hex color **75FF70** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **FA70FF**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **B2FFA7**, and **2EC539** is the 20% darker color. If you saturate the color by 10%, you get **5CFF57**, and if you desaturate by 10%, it is **8EFF8A**.

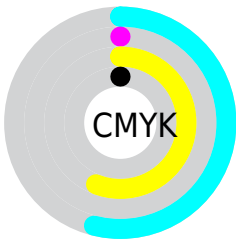
Distribution



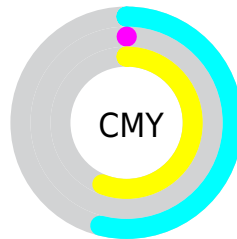
- Red (46%)
- Green (100%)
- Blue (44%)



- Red (44%)
- Yellow (100%)
- Blue (98%)



- Cyan (54%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)



- Cyan (54%)
- Magenta (0%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75FF70 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 75FF70 by changing the saturation by 10% instead.

 75FF70

 75FF70

FFFFFF

 55E255

 B2FFA7

 2EC539

 D1FFC3

 00A91B

 EFFFEO


 008E00

FFFFFFD

 007300

 005900

 004000

 002800

 000100

 75FF70

 75FF70

 5CFF57

 8EFF8A

 44FF3D

 A6FFA3

 2BFF23

 BFFFBD

 13FF0A

 D7FFD6

 09FF00

 F0FFF0

FFFFFF

Harmonies

Analogous

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



DAEE30



75FF70



00FFC0

Triad

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



75FF70



00F5FF



FF96B2

Complementary

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



75FF70



FA70FF

Split Complementary

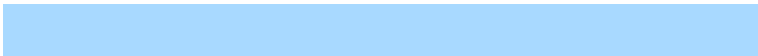
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF97FF



75FF70



A8D9FF

Square

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



75FF70



00FFFF



FFB5FF



FFB268

Rectangle

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



75FF70



00FFFA



FFB5FF



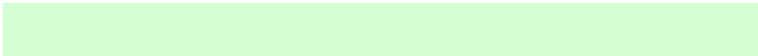
FF93CD

Sweetspot

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



75FF70



D5FFD4



FFF870



678066



000000



808080

Same Dimension

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



75FF70



5AFF54



70FFB0



738073



07BF00



024000

Inverse Universe

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



FA70FF



F954FF



FF70BF



7F7380



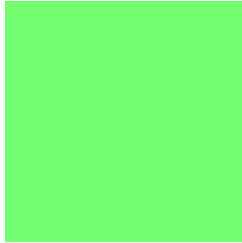
B900BF



3E0040

Previews

White Background



This preview shows how the Hex color 75FF70 looks on a white background.

Color Contrast Check

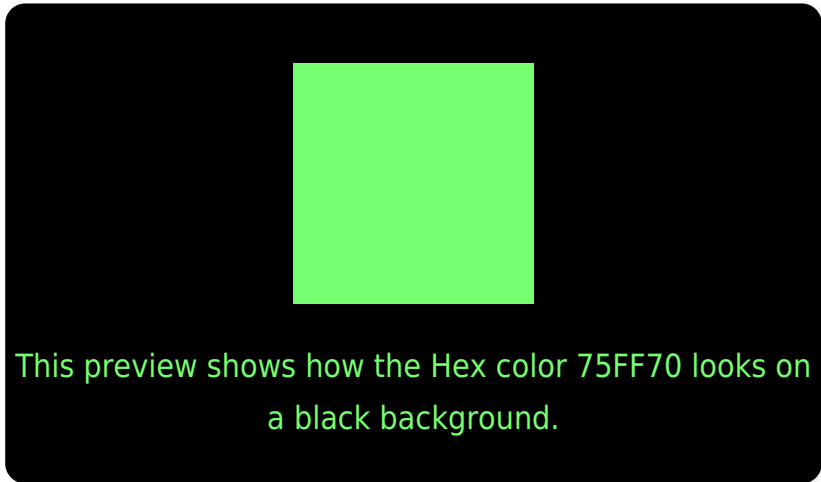
Large Text (above 18pt) WCAG AA × Fail

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

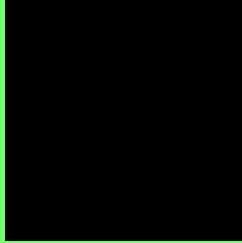
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

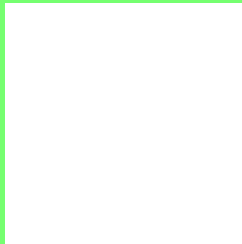
Any Text WCAG AAA ✓ Pass

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

Hex 75FF70 Background



This preview shows how black text looks on a background with the Hex color 75FF70.

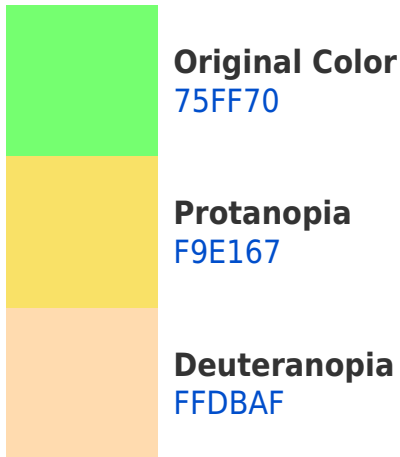


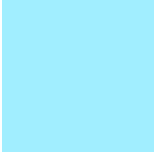
This preview shows how white text looks on a background with the Hex color 75FF70.

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](#).

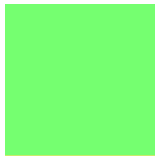
Dichromacy



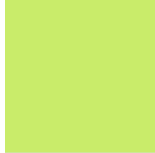


Tritanopia
A1EEFF

Trichromacy



Original Color
75FF70



Protanomaly
C9EC6A



Deuteranomaly
CDE898

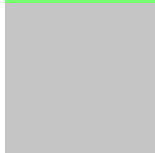


Tritanomaly
91F4CB

Monochromacy



Original Color
75FF70



Achromatopsia
C5C5C5



Achromatomaly
A8DAA6

CSS Examples

Text

The CSS property to change the color of the text to Hex 75FF70 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 #75FF70 looks like.

```
.text, #text, p{  
    color:#75FF70  
}
```

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 #75FF70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75FF70
}
```

Border

The CSS property to change the border of an element to Hex 75FF70 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
#75FF70 }
```

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

```
.border{ border-color:#75FF70 }
```

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

Here you see how a box with a 4 pixel #75FF70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75FF70; -webkit-box-shadow:4px 4px  
4px 4px #75FF70; box-shadow:4px 4px 4px  
4px #75FF70 }
```

Background

The CSS property to change the background color of an element to Hex 75FF70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75FF70 }
```

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

```
.background{ background-color:#75FF70 }
```

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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