

# Converting Colors

Hex(71FF4A)

Have a look what the booklet for  
Hex(71FF4A) contains.

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**Color**

**Hex(71FF4A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71FF4A
RGB	113, 255, 74
RGB Percent	44%, 100%, 29%
CMY	0.5569, 0.0000, 0.7098
CMYK	0.56, 0.00, 0.71, 0.00
HSL	107°, 100%, 65%
HSV	107°, 71%, 100%
XYZ	43.8061, 75.5251, 18.7476
YIQ	191.9080, -26.5310, -86.3950

# Conversions

## Conversions Part 2

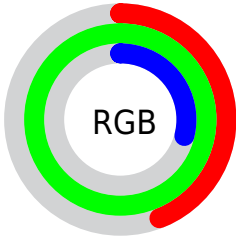
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 255, 216
Decimal	7470922
CIELab	89.64, -69.12, 70.87
CIELCh	90, 98.994, 134.283
Yxy	75.5251, 0.3173, 0.5470
Android (android.graphics.Color)	4285661002 (0xFF71FF4A)
YUV	191.9080, -58.1286, -69.2023
Hunter-Lab	86.9052, -62.1080, 48.0433

# Details

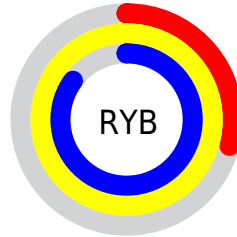
The Hex color **71FF4A** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **D84AFF**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **B0FF84**, and **22C500** is the 20% darker color. If you saturate the color by 10%, you get **5DFF31**, and if you desaturate by 10%, it is **85FF64**.

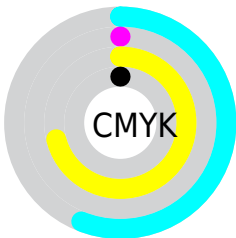
# Distribution



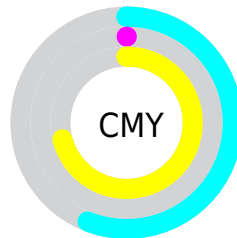
- Red (44%)
- Green (100%)
- Blue (29%)



- Red (29%)
- Yellow (100%)
- Blue (85%)



- Cyan (56%)
- Magenta (0%)
- Yellow (71%)
- Black (0%)



- Cyan (56%)
- Magenta (0%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71FF4A 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 71FF4A by changing the saturation by 10% instead.



 71FF4A

 71FF4A

FFFFFF

 4FE229

 B0FF84

 22C500

 CFFFA1

 00A900

 EEFFBE

 008D00

 FFFFDB

 007300

 FFFFF9


 005900

 004000

 002700

 000000

 71FF4A

 71FF4A

 5DFF31

 85FF64

 49FF17

 99FF7D

 37FF00

 ADF97

 C1FFB0

 D5FFCA

 E9FFE3

 FDFFFD

FFFFFF

# Harmonies

## Analogous

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



E3EB00



71FF4A



00FFAB

# Triad

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



71FF4A



00FAFF



FF7DB8

# Complementary

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



71FF4A



D84AFF

# 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.



FF86FF



71FF4A



59DDFF

# Square

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



71FF4A



00FFFF



FFB2FF



FFA05F

# Rectangle

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



71FF4A



00FFED



FFB2FF



FF7AD8

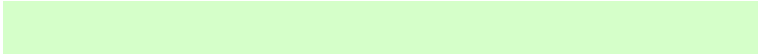


# Sweetspot

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



71FF4A



D5FFC9



FFD84A



668060



000000



808080



# Same Dimension

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



71FF4A



55FF26



4AFF7D



758073



29BF00



0E4000



# Inverse Universe

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



D84AFF



D026FF



FF4ACC



7D7380



9600BF

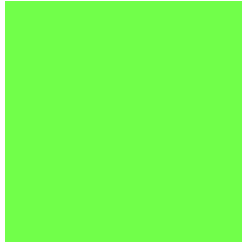


320040



# Previews

## White Background



This preview shows how the Hex color 71FF4A looks on a white background.

## Color Contrast Check

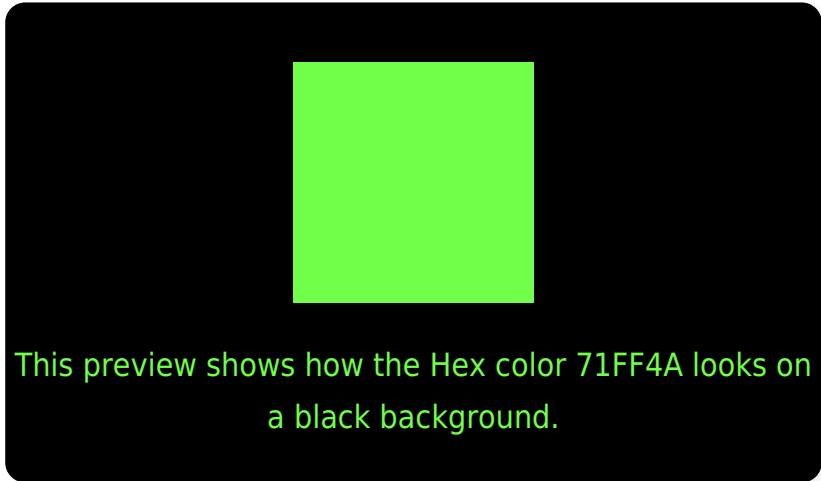
Large Text (above 18pt) WCAG AA × Fail

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

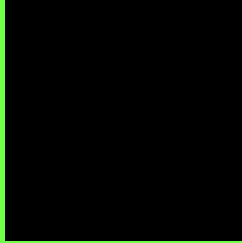
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

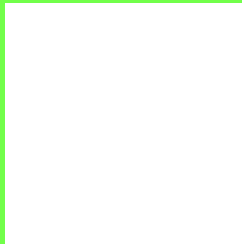
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 71FF4A Background



This preview shows how black text looks on a background with the Hex color 71FF4A.

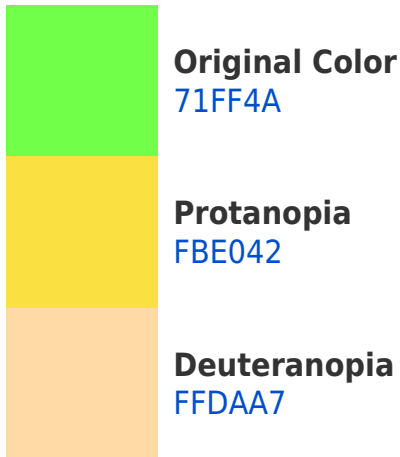


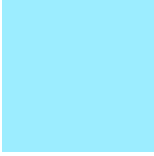
This preview shows how white text looks on a background with the Hex color 71FF4A.

# 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](#).

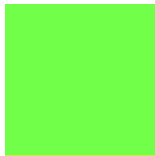
## Dichromacy





**Tritanopia**  
9CEDFF

# Trichromacy



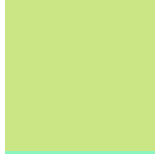
**Original Color**

71FF4A



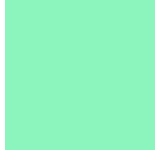
**Protanomaly**

C9EB45



**Deuteranomaly**

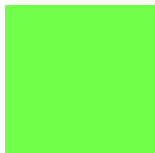
CBE785



**Tritanomaly**

8CF4BD

# Monochromacy



**Original Color**

71FF4A



**Achromatopsia**

C0C0C0



**Achromatomaly**

A3D795

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71FF4A 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 #71FF4A looks like.

```
.text, #text, p{  
    color:#71FF4A  
}
```

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 #71FF4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71FF4A
}
```

## Border

The CSS property to change the border of an element to Hex 71FF4A 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
#71FF4A }
```

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

```
.border{ border-color:#71FF4A }
```

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

Here you see how a box with a 4 pixel #71FF4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71FF4A; -webkit-box-shadow:4px 4px  
4px 4px #71FF4A; box-shadow:4px 4px 4px  
4px #71FF4A }
```

# Background

The CSS property to change the background color of an element to Hex 71FF4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71FF4A }
```

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

```
.background{ background-color:#71FF4A }
```

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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