

# Converting Colors

Hex(71FF6A)

Have a look what the booklet for  
Hex(71FF6A) contains.

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# Color

Hex(71FF6A)

# Conversions

## Conversions Part 1

Format	Color
Hex	71FF6A
RGB	113, 255, 106
RGB Percent	44%, 100%, 42%
CMY	0.5569, 0.0000, 0.5843
CMYK	0.56, 0.00, 0.58, 0.00
HSL	117°, 100%, 71%
HSV	117°, 58%, 100%
XYZ	45.1716, 76.0713, 25.9381
YIQ	195.5560, -36.8030, -76.4430

# Conversions

## Conversions Part 2

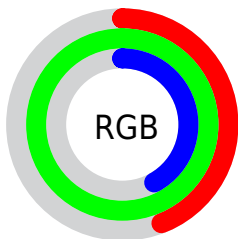
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	106, 255, 248
Decimal	7470954
CIELab	89.89, -66.24, 58.59
CIElCh	90, 88.435, 138.506
Yxy	76.0713, 0.3069, 0.5169
Android (android.graphics.Color)	4285661034 (0xFF71FF6A)
YUV	195.5560, -44.1511, -72.4016
Hunter-Lab	87.2189, -60.1860, 43.4209

# Details

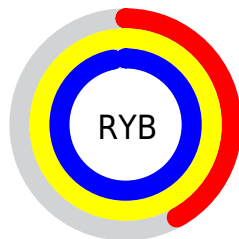
The Hex color **71FF6A** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **F86AFF**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **AFFFA1**, and **26C532** is the 20% darker color. If you saturate the color by 10%, you get **59FF51**, and if you desaturate by 10%, it is **89FF84**.

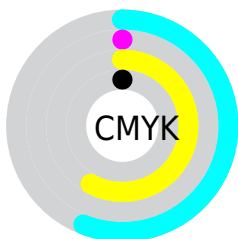
# Distribution



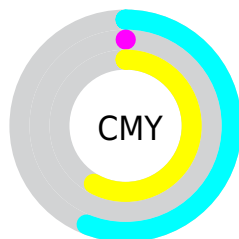
- Red (44%)
- Green (100%)
- Blue (42%)



- Red (42%)
- Yellow (100%)
- Blue (97%)



- Cyan (56%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)



- Cyan (56%)
- Magenta (0%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71FF6A 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 71FF6A by changing the saturation by 10% instead.



 71FF6A

 71FF6A

FFFFFF

 50E24F

 AFFFA1

 26C532

 CEFFBD

 00A90F

 ECFFDA

 008E00

 FFFFF8

 007300

 005900

 004000

 002800

 000000

 71FF6A

 71FF6A

 59FF51

 89FF84

 40FF37

 A2FF9D

 28FF1E

 BAFFB7

 10FF04

 D2FFD0

 0CFF00

 EBFFEA

FFFFFF

# Harmonies

## Analogous

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



DAEE23



71FF6A



00FFBE

# Triad

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



71FF6A



00F5FF



FF92B1

# Complementary

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



71FF6A



F86AFF

# 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.



FF93FF



71FF6A



A0D9FF

# Square

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



71FF6A



00FFFF



FFB4FF



FFAF65

# Rectangle

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



71FF6A



00FFF9



FFB4FF



FF8ECD

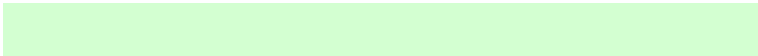


# Sweetspot

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



71FF6A



D3FFD1



FFF86A



658063



000000



808080



# Same Dimension

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



71FF6A



55FF4D



6AFFAD



738073



09BF00



034000



# Inverse Universe

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



F86AFF



F74DFF



FF6ABC



7F7380



B600BF

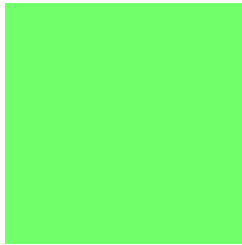


3D0040



# Previews

## White Background



This preview shows how the Hex color 71FF6A looks on a white background.

## Color Contrast Check

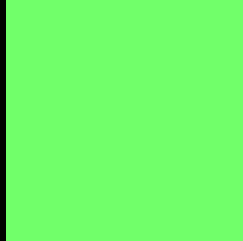
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 71FF6A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

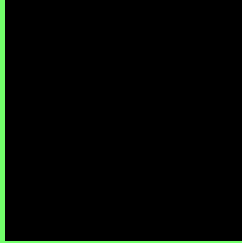
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 71FF6A Background



This preview shows how black text looks on a background with the Hex color 71FF6A.

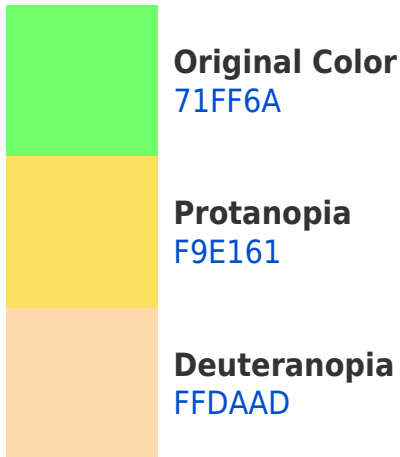


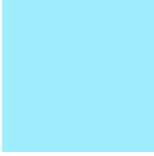
This preview shows how white text looks on a background with the Hex color 71FF6A.

# 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





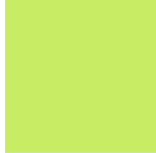
**Tritanopia**  
9EEEF

# Trichromacy



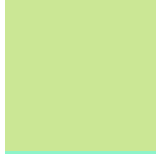
**Original Color**

71FF6A



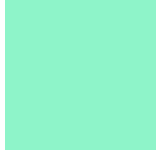
**Protanomaly**

C8EC64



**Deuteranomaly**

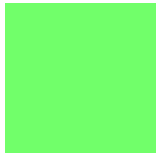
CBE795



**Tritanomaly**

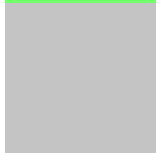
8EF4C9

# Monochromacy



**Original Color**

71FF6A



**Achromatopsia**

C4C4C4



**Achromatomaly**

A6D9A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71FF6A 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 #71FF6A looks like.

```
.text, #text, p{  
    color:#71FF6A  
}
```

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 #71FF6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71FF6A
}
```

## Border

The CSS property to change the border of an element to Hex 71FF6A 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
#71FF6A }
```

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

```
.border{ border-color:#71FF6A }
```

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

Here you see how a box with a 4 pixel #71FF6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71FF6A; -webkit-box-shadow:4px 4px  
4px 4px #71FF6A; box-shadow:4px 4px 4px  
4px #71FF6A }
```

# Background

The CSS property to change the background color of an element to Hex 71FF6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71FF6A }
```

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

```
.background{ background-color:#71FF6A }
```

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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