

# Converting Colors

Hex(71F66F)

Have a look what the booklet for  
Hex(71F66F) contains.

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**Color**

**Hex(71F66F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71F66F
RGB	113, 246, 111
RGB Percent	44%, 96%, 44%
CMY	0.5569, 0.0353, 0.5647
CMYK	0.54, 0.00, 0.55, 0.04
HSL	119°, 88%, 70%
HSV	119°, 55%, 96%
XYZ	42.6351, 70.5699, 26.4132
YIQ	190.8430, -35.9330, -70.1810

# Conversions

## Conversions Part 2

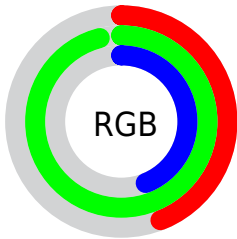
Format	Color
R <sub>Y</sub> B	111, 246, 244
Decimal	7468655
CIE Lab	87.28, -62.41, 53.33
CIE LCh	87, 82.087, 139.485
Yxy	70.5699, 0.3054, 0.5054
Android (android.graphics.Color)	4285658735 (0xFF71F66F)
YUV	190.8430, -39.3626, -68.2683
Hunter-Lab	84.0059, -56.4172, 40.1621

# Details

The Hex color **71F66F** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **F46FF6**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **AEFFA6**, and **2BBD39** is the 20% darker color. If you saturate the color by 10%, you get **59F656**, and if you desaturate by 10%, it is **89F688**.

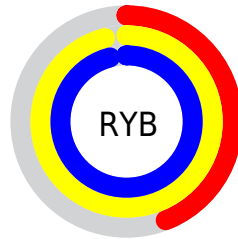
# Distribution



Red (44%)

Green (96%)

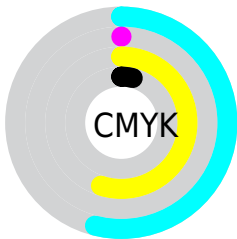
Blue (44%)



Red (44%)

Yellow (96%)

Blue (96%)

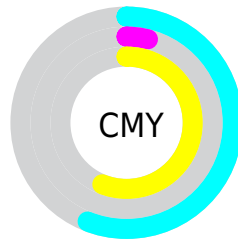


Cyan (54%)

Magenta (0%)

Yellow (55%)

Black (4%)



Cyan (56%)

Magenta (4%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71F66F 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 71F66F by changing the saturation by 10% instead.



 71F66F

FFFFFF

 AEFFA6

 CCFFC2

 EAFFDE

 FFFFFC

 71F66F

 51D954

 2BBD39

 00A11C

 008600

 006B00

 005100

 003900

 002100

 000000

 71F66F

 71F66F

 59F656

 89F688

 41F63E

 A1F6A0

 28F625

 BAF6B9

 10F60D

 D2F6D1

 04F600

 EAF6EA

 FFF6FF

# Harmonies

## Analogous

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



D2E633



71F66F



00FEBC

# Triad

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



71F66F



00ECFF



FF93AB

# Complementary

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



71F66F



F46FF6

# Split Complementary

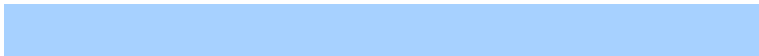
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF93FA



71F66F



A7D1FF

# Square

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



71F66F



00FAFF



FFAFFF



FFAD65

# Rectangle

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



71F66F



00FFF2



FFAFFF



FF8FC5

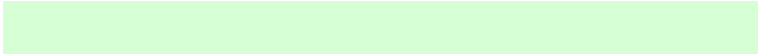


# Sweetspot

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



71F66F



D7FFD6



F6F46F



688067



000000



808080



# Same Dimension

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



71F66F



59FF57



6FF6B0



6E7A6E



03BA00



013B00



# Inverse Universe

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



F46FF6



FD57FF



F66FB5



7A6E7A



B700BA

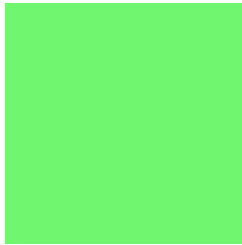


3A003B



# Previews

## White Background



This preview shows how the Hex color 71F66F 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 71F66F looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

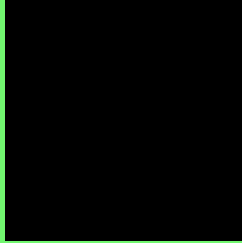
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 71F66F Background



This preview shows how black text looks on a background with the Hex color 71F66F.

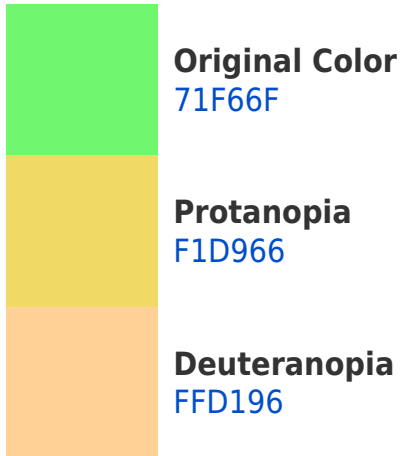


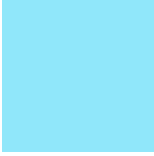
This preview shows how white text looks on a background with the Hex color 71F66F.

# 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



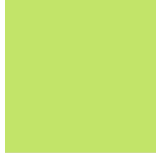


**Tritanopia**  
90E7FA

# Trichromacy



**Original Color**  
71F66F



**Protanomaly**  
C2E469

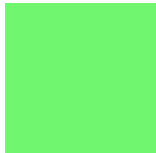


**Deuteranomaly**  
CBDE88

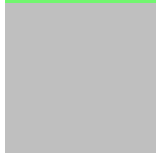


**Tritanomaly**  
85ECC7

# Monochromacy



**Original Color**  
71F66F



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
A3D3A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71F66F 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 #71F66F looks like.

```
.text, #text, p{  
    color:#71F66F  
}
```

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 #71F66F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71F66F
}
```

## Border

The CSS property to change the border of an element to Hex 71F66F 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
#71F66F }
```

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

```
.border{ border-color:#71F66F }
```

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

Here you see how a box with a 4 pixel #71F66F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71F66F; -webkit-box-shadow:4px 4px  
4px 4px #71F66F; box-shadow:4px 4px 4px  
4px #71F66F }
```

# Background

The CSS property to change the background color of an element to Hex 71F66F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71F66F }
```

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

```
.background{ background-color:#71F66F }
```

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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