

Converting Colors

Hex(71FF7A)

Have a look what the booklet for
Hex(71FF7A) contains.

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Color

Hex(71FF7A)

Conversions

Conversions Part 1

Format	Color
Hex	71FF7A
RGB	113, 255, 122
RGB Percent	44%, 100%, 48%
CMY	0.5569, 0.0000, 0.5216
CMYK	0.56, 0.00, 0.52, 0.00
HSL	124°, 100%, 72%
HSV	124°, 56%, 100%
XYZ	46.0829, 76.4359, 30.7371
YIQ	197.3800, -41.9390, -71.4670

Conversions

Conversions Part 2

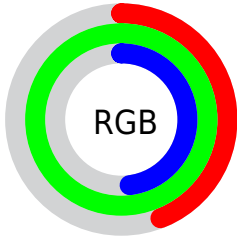
Format	Color
RYB	113, 247, 255
Decimal	7470970
CIELab	90.06, -64.36, 51.67
CIElCh	90, 82.533, 141.245
Yxy	76.4359, 0.3007, 0.4987
Android (android.graphics.Color)	4285661050 (0xFF71FF7A)
YUV	197.3800, -37.1623, -74.0013
Hunter-Lab	87.4276, -58.9113, 40.3546

Details

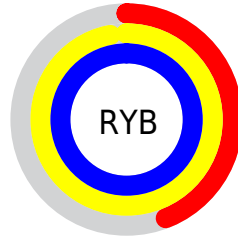
The Hex color **71FF7A** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **FF71F6**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **AFFFB1**, and **28C545** is the 20% darker color. If you saturate the color by 10%, you get **58FF62**, and if you desaturate by 10%, it is **8BFF92**.

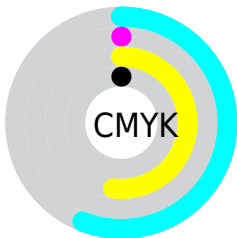
Distribution



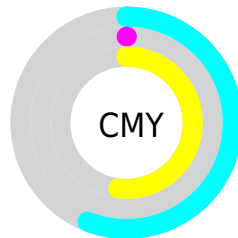
- Red (44%)
- Green (100%)
- Blue (48%)



- Red (44%)
- Yellow (97%)
- Blue (100%)



- Cyan (56%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)



- Cyan (56%)
- Magenta (0%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71FF7A 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 71FF7A by changing the saturation by 10% instead.

 71FF7A

 71FF7A

FFFFFF

 50E25F

 AFFFB1

 28C545


 CDFFCD


 00A929

 ECFFEA

 008E05

 007300

 005900

 004000


 002800

 000000

 71FF7A

 71FF7A

 58FF62

 8BFF92

 3EFF4A

 A4FFAA

 24FF32

 BEFFC2

 0BFF1A

 D7FFDA

 00FF10

 F1FFF1

FFFFFF

Harmonies

Analogous

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



D5EF3E



71FF7A



00FFC8

Triad

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



71FF7A



00F2FF



FF9CAE

Complementary

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



71FF7A



FF71F6

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.



FF9AFD



71FF7A



B9D7FF

Square

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



71FF7A



00FFFF



FFB5FF



FFB768

Rectangle

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



71FF7A



00FFFF



FFB5FF



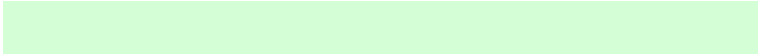
FF98C8

Sweetspot

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



71FF7A



D4FFD6



F8FF71



668068



000000



808080

Same Dimension

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



71FF7A



54FF5F



71FFBF



738074



00BF0C



004004

Inverse Universe

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



FF71F6



FF54F4



FF71B1



80737F



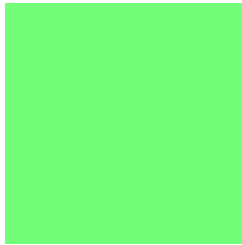
BF00B3



40003C

Previews

White Background



This preview shows how the Hex color 71FF7A looks on a white background.

Color Contrast Check

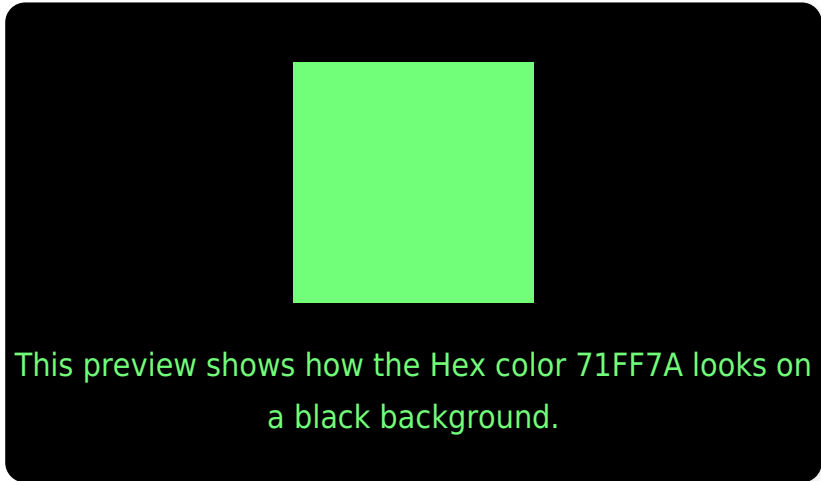
Large Text (above 18pt) WCAG AA × Fail

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

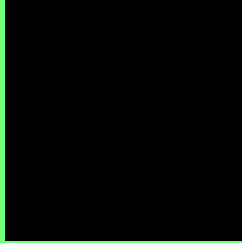
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

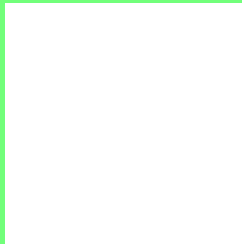
Any Text WCAG AAA ✓ Pass

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

Hex 71FF7A Background



This preview shows how black text looks on a background with the Hex color 71FF7A.

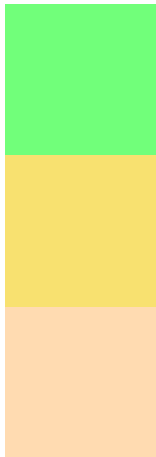


This preview shows how white text looks on a background with the Hex color 71FF7A.

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](#).

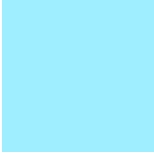
Dichromacy



Original Color
71FF7A

Protanopia
F8E170

Deuteranopia
FFDBB1

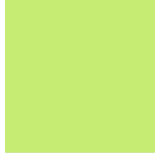


Tritanopia
9FEEFF

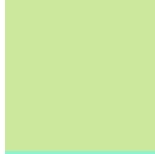
Trichromacy



Original Color
71FF7A



Protanomaly
C7EC74



Deuteranomaly
CBE89D

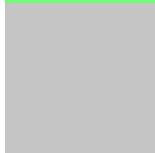


Tritanomaly
8EF4CF

Monochromacy



Original Color
71FF7A



Achromatopsia
C5C5C5



Achromatomaly
A6DAAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 71FF7A 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 #71FF7A looks like.

```
.text, #text, p{  
    color:#71FF7A  
}
```

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 #71FF7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71FF7A
}
```

Border

The CSS property to change the border of an element to Hex 71FF7A 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
#71FF7A }
```

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

```
.border{ border-color:#71FF7A }
```

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

Here you see how a box with a 4 pixel #71FF7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71FF7A; -webkit-box-shadow:4px 4px  
4px 4px #71FF7A; box-shadow:4px 4px 4px  
4px #71FF7A }
```

Background

The CSS property to change the background color of an element to Hex 71FF7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71FF7A }
```

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

```
.background{ background-color:#71FF7A }
```

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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