

Converting Colors

Hex(81FE70)

Have a look what the booklet for
Hex(81FE70) contains.

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Color

Hex(81FE70)

Conversions

Conversions Part 1

Format	Color
Hex	81FE70
RGB	129, 254, 112
RGB Percent	51%, 100%, 44%
CMY	0.4941, 0.0039, 0.5608
CMYK	0.49, 0.00, 0.56, 0.00
HSL	113°, 99%, 72%
HSV	113°, 56%, 100%
XYZ	47.4197, 76.7206, 27.6385
YIQ	200.4370, -28.9180, -70.6620

Conversions

Conversions Part 2

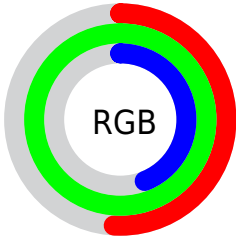
Format	Color
RYB	112, 254, 237
Decimal	8519280
CIELab	90.19, -61.17, 56.46
CIELCh	90, 83.240, 137.293
Yxy	76.7206, 0.3124, 0.5055
Android (android.graphics.Color)	4286709360 (0xFF81FE70)
YUV	200.4370, -43.5994, -62.6502
Hunter-Lab	87.5903, -56.6466, 42.6047

Details

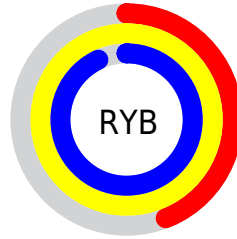
The Hex color **81FE70** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **ED70FE**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **BDFFA7**, and **41C439** is the 20% darker color. If you saturate the color by 10%, you get **6BFE57**, and if you desaturate by 10%, it is **97FE89**.

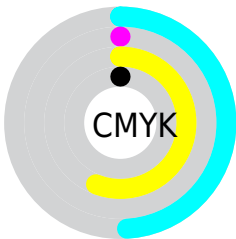
Distribution



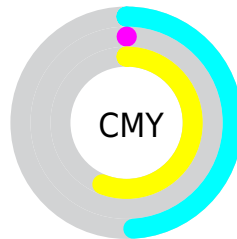
- Red (51%)
- Green (100%)
- Blue (44%)



- Red (44%)
- Yellow (100%)
- Blue (93%)



- Cyan (49%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)



- Cyan (49%)
- Magenta (0%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81FE70 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 81FE70 by changing the saturation by 10% instead.

 81FE70

 81FE70

FFFFFF

 62E155

 BDFFA7

 41C439

 DBFFC3

 12A81B

 FAFFE0

 008D00

FFFFFFD


 007300

 005900

 004000

 002800

 000100

 81FE70

 81FE70

 6BFE57

 97FE89

 54FE3D

 AEFEA3

 3EFE24

 C4FEBC

 28FE0A

 DAFED6

 1EFE00

 F1FEEF

FFFEFF

Harmonies

Analogous

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



E0ED37



81FE70



00FFBD

Triad

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



81FE70



00F6FF



FF99B8

Complementary

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



81FE70



ED70FE

Split Complementary

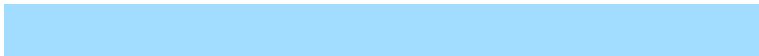
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF9CFF



81FE70



A2DCFF

Square

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



81FE70



00FFFF



FFB9FF



FFB270

Rectangle

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



81FE70



00FFF5



FFB9FF



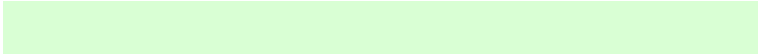
FF96D3

Sweetspot

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



81FE70



D9FFD4



FEEB70



698066



000000



808080

Same Dimension

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



81FE70



69FF54



70FEA4



748073



17BF00



084000

Inverse Universe

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



ED70FE



EB54FF



FE70CA



7E7380



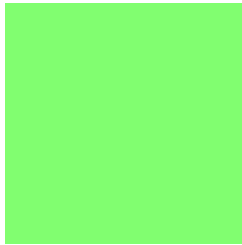
A800BF



380040

Previews

White Background



This preview shows how the Hex color 81FE70 looks on a white background.

Color Contrast Check

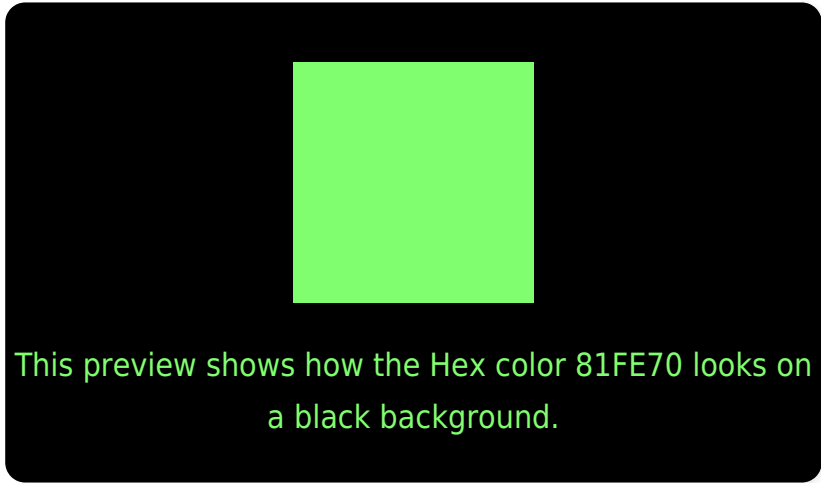
Large Text (above 18pt) WCAG AA × Fail

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

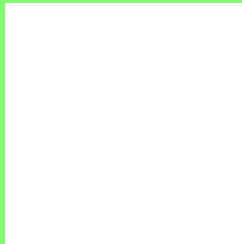
Any Text WCAG AAA ✓ Pass

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

Hex 81FE70 Background



This preview shows how black text looks on a background with the Hex color 81FE70.

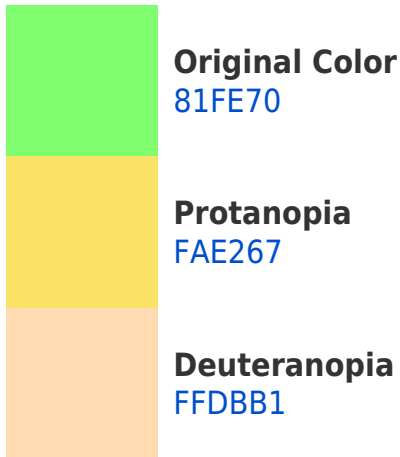


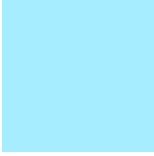
This preview shows how white text looks on a background with the Hex color 81FE70.

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



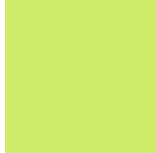


Tritanopia
A6EDFF

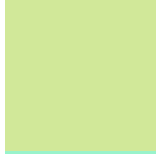
Trichromacy



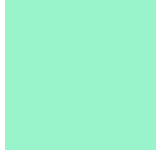
Original Color
81FE70



Protanomaly
CEEC6A

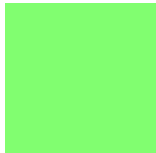


Deuteranomaly
D1E899

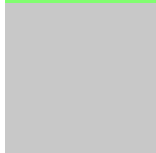


Tritanomaly
99F3CB

Monochromacy



Original Color
81FE70



Achromatopsia
C8C8C8



Achromatomaly
AEDCA8

CSS Examples

Text

The CSS property to change the color of the text to Hex 81FE70 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 #81FE70 looks like.

```
.text, #text, p{  
    color:#81FE70  
}
```

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 #81FE70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81FE70
}
```

Border

The CSS property to change the border of an element to Hex 81FE70 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
#81FE70 }
```

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

```
.border{ border-color:#81FE70 }
```

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

Here you see how a box with a 4 pixel #81FE70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81FE70; -webkit-box-shadow:4px 4px  
4px 4px #81FE70; box-shadow:4px 4px 4px  
4px #81FE70 }
```

Background

The CSS property to change the background color of an element to Hex 81FE70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81FE70 }
```

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

```
.background{ background-color:#81FE70 }
```

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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