

# Converting Colors

Hex(81FC81)

Have a look what the booklet for  
Hex(81FC81) contains.

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**Color**

**Hex(81FC81)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81FC81
RGB	129, 252, 129
RGB Percent	51%, 99%, 51%
CMY	0.4941, 0.0118, 0.4941
CMYK	0.49, 0.00, 0.49, 0.01
HSL	120°, 95%, 75%
HSV	120°, 49%, 99%
XYZ	47.8261, 75.8729, 32.8931
YIQ	201.2010, -33.8250, -64.3290

# Conversions

## Conversions Part 2

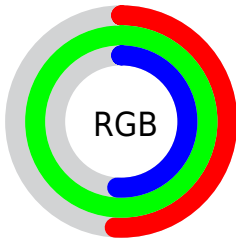
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">129, 252, 252</a>
Decimal	<a href="#">8518785</a>
CIELab	<a href="#">89.80, -58.34, 48.22</a>
CIElCh	<a href="#">90, 75.690, 140.429</a>
Yxy	<a href="#">75.8729, 0.3054, 0.4845</a>
Android (android.graphics.Color)	<a href="#">4286708865 (0xFF81FC81)</a>
YUV	<a href="#">201.2010, -35.5951, -63.3203</a>
Hunter-Lab	<a href="#">87.1051, -54.4262, 38.5841</a>

# Details

The Hex color **81FC81** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FC81FC**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **BCFFB8**, and **43C24C** is the 20% darker color. If you saturate the color by 10%, you get **68FC68**, and if you desaturate by 10%, it is **9AFC9A**.

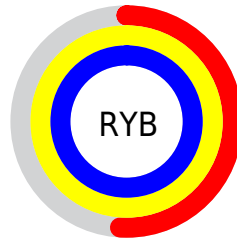
# Distribution



Red (51%)

Green (99%)

Blue (51%)



Red (51%)

Yellow (99%)

Blue (99%)

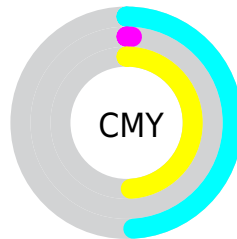


Cyan (49%)

Magenta (0%)

Yellow (49%)

Black (1%)



Cyan (49%)

Magenta (1%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81FC81 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 81FC81 by changing the saturation by 10% instead.



 81FC81

 81FC81

FFFFFF

 63DF66

 BCFFB8

 43C24C

 DAFFD4

 18A732

 F9FFF1

 008B15

 007100

 005700

 003E00

 002700

 000000

 81FC81

 81FC81

 68FC68

 9AFC9A

 4FFC4F

 B3FCB3

 35FC35

 CDFCCD

 1CFC1C

 E6FCE6

 03FC03

 FFFCFF

 00FC00

# Harmonies

## Analogous

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



D9ED4F



81FC81



00FFC7

# Triad

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



81FC81



00F1FF



FFA3B3

# Complementary

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



81FC81



FC81FC

# 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.



FFA3FC



81FC81



BBD8FF

# Square

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



81FC81



00FFFF



FFBAFF



FFBA74

# Rectangle

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



81FC81



00FFFA



FFBAFF



FFA0CB

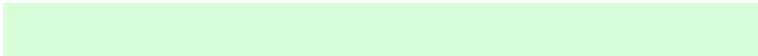


# Sweetspot

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



81FC81



D9FFD9



FCFC81



698069



000000



808080



# Same Dimension

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



81FC81



69FF69



81FCBF



707D70



00BD00



003D00



# Inverse Universe

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



FC81FC



FF69FF



FC81BF



7D707D



BD00BD

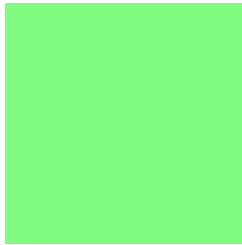


3D003D



# Previews

## White Background



This preview shows how the Hex color 81FC81 looks on a white background.

## Color Contrast Check

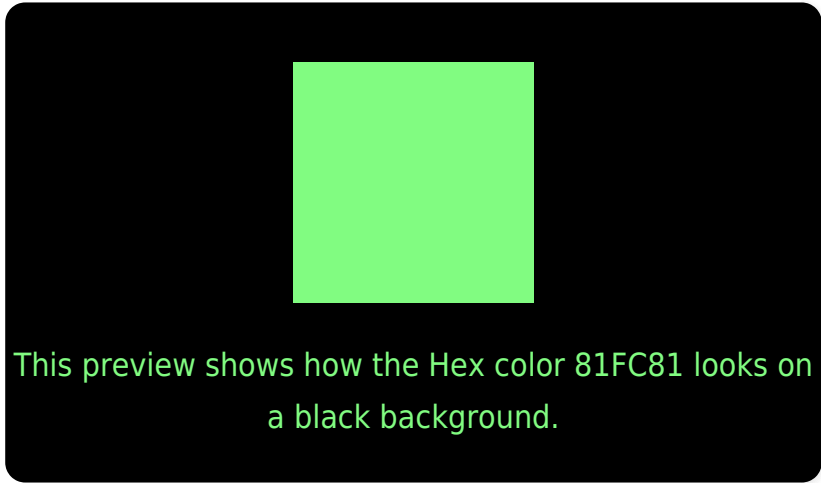
Large Text (above 18pt) WCAG AA × Fail

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

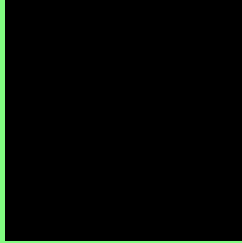
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

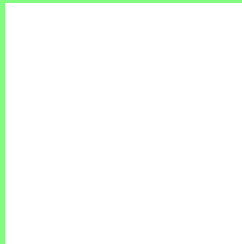
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 81FC81 Background



This preview shows how black text looks on a background with the Hex color 81FC81.

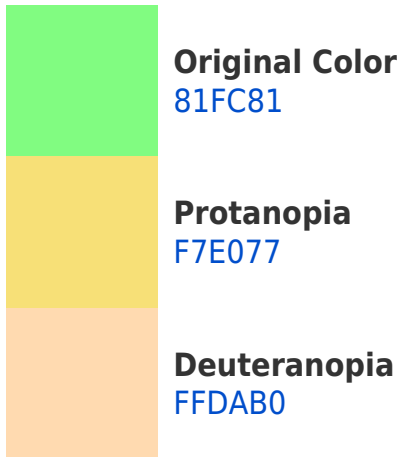


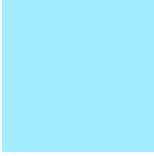
This preview shows how white text looks on a background with the Hex color 81FC81.

# 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



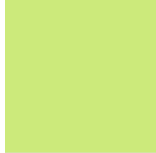


**Tritanopia**  
A2EDFF

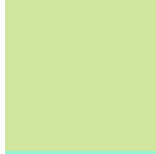
# Trichromacy



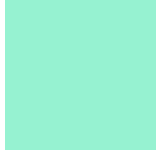
**Original Color**  
81FC81



**Protanomaly**  
CCEA7B

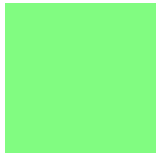


**Deuteranomaly**  
D1E69F

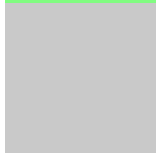


**Tritanomaly**  
96F2D1

# Monochromacy



**Original Color**  
81FC81



**Achromatopsia**  
C9C9C9



**Achromatomaly**  
AFDCAF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81FC81 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 #81FC81 looks like.

```
.text, #text, p{  
    color:#81FC81  
}
```

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 #81FC81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81FC81
}
```

## Border

The CSS property to change the border of an element to Hex 81FC81 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
#81FC81 }
```

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

```
.border{ border-color:#81FC81 }
```

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

Here you see how a box with a 4 pixel #81FC81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81FC81; -webkit-box-shadow:4px 4px  
4px 4px #81FC81; box-shadow:4px 4px 4px  
4px #81FC81 }
```

# Background

The CSS property to change the background color of an element to Hex 81FC81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81FC81 }
```

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

```
.background{ background-color:#81FC81 }
```

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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