

# Converting Colors

Hex(81F64E)

Have a look what the booklet for  
Hex(81F64E) contains.

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# Color

Hex(81F64E)

# Conversions

## Conversions Part 1

Format	Color
Hex	81F64E
RGB	129, 246, 78
RGB Percent	51%, 96%, 31%
CMY	0.4941, 0.0353, 0.6941
CMYK	0.48, 0.00, 0.68, 0.04
HSL	102°, 90%, 64%
HSV	102°, 68%, 96%
XYZ	43.3842, 71.1287, 18.6504
YIQ	191.8650, -15.8040, -77.0520

# Conversions

## Conversions Part 2

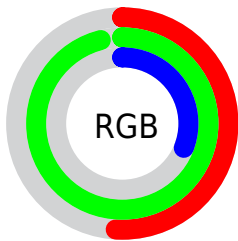
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 246, 195
Decimal	8517198
CIELab	87.55, -61.35, 67.46
CIELCh	88, 91.183, 132.285
Yxy	71.1287, 0.3258, 0.5341
Android (android.graphics.Color)	4286707278 (0xFF81F64E)
YUV	191.8650, -56.1354, -55.1326
Hunter-Lab	84.3378, -55.7692, 45.9252

# Details

The Hex color **81F64E** is a light color, and the websafe version is hex **99FF66**. The color can be described as light washed chartreuse. A complement of this color would be **C34EF6**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **BDFF87**, and **41BD00** is the 20% darker color. If you saturate the color by 10%, you get **70F635**, and if you desaturate by 10%, it is **92F667**.

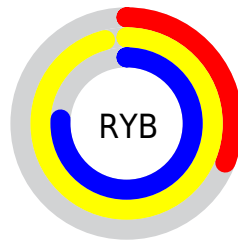
# Distribution



Red (51%)

Green (96%)

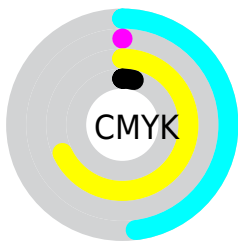
Blue (31%)



Red (31%)

Yellow (96%)

Blue (76%)

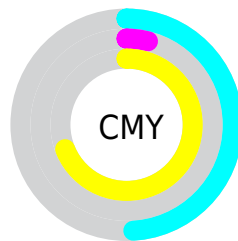


Cyan (48%)

Magenta (0%)

Yellow (68%)

Black (4%)



Cyan (49%)

Magenta (4%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81F64E 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 81F64E by changing the saturation by 10% instead.



 81F64E

 81F64E

FFFFFF

 62D92F

 BDFF87

 41BD00

 DCFFA3

 11A100

 FAFFC0

 008600

 FFFFDD

 006C00

 FFFFFB


 005200

 003A00

 002200

 000000

 81F64E

 81F64E

 70F635

 92F667

 5FF61D

 A3F67F

 4EF604

 B4F698

 4BF600

 C6F6B0

 D7F6C9

 E8F6E2

 F9F6FA

 FFF6FF

# Harmonies

## Analogous

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



E4E300



81F64E



00FFA3

# Triad

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



81F64E



00F3FF



FF83BB

# Complementary

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



81F64E



C34EF6

# 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.



FF8DFF



81F64E



57DAFF

# Square

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



81F64E



00FFFF



FFB4FF



FF9E6A

# Rectangle

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



81F64E



00FFE0



FFB4FF



FF81D8

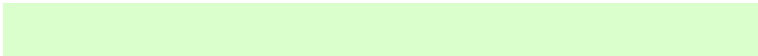


# Sweetspot

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



81F64E



DBFFCC



F6C14E



6A8061



000000



808080



# Same Dimension

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



81F64E



6DFF2E



4EF66D



727A6E



39BA00



123B00



# Inverse Universe

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



C34EF6



C02EFF



F64ED7



776E7A



8200BA

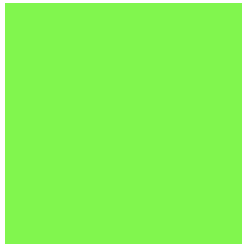


29003B



# Previews

## White Background



This preview shows how the Hex color 81F64E looks on a white background.

## Color Contrast Check

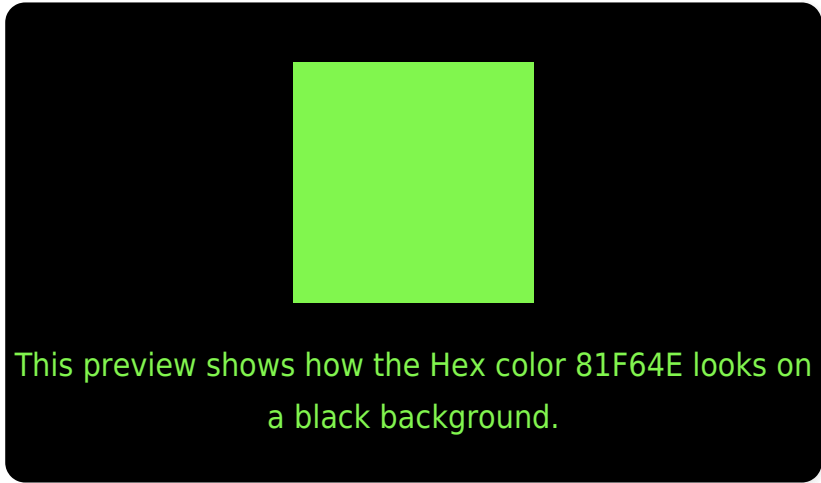
Large Text (above 18pt) WCAG AA × Fail

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

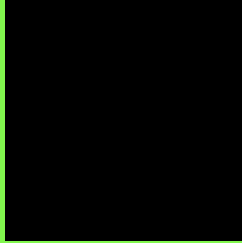
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

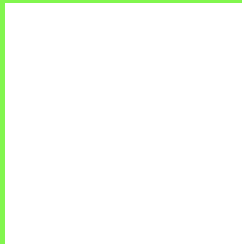
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 81F64E Background



This preview shows how black text looks on a background with the Hex color 81F64E.

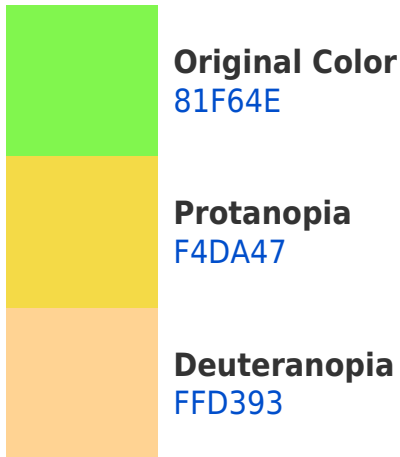


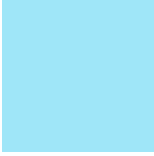
This preview shows how white text looks on a background with the Hex color 81F64E.

# 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](#).

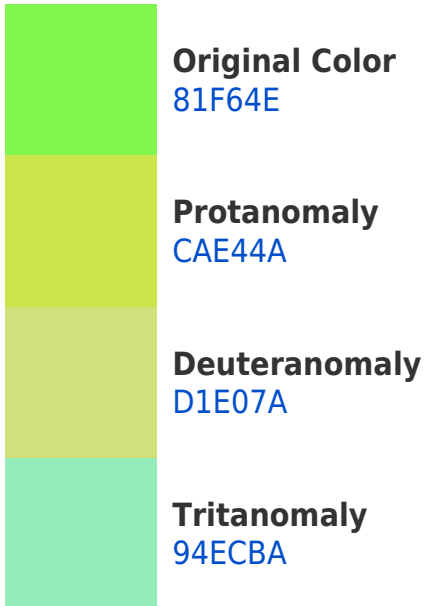
## Dichromacy



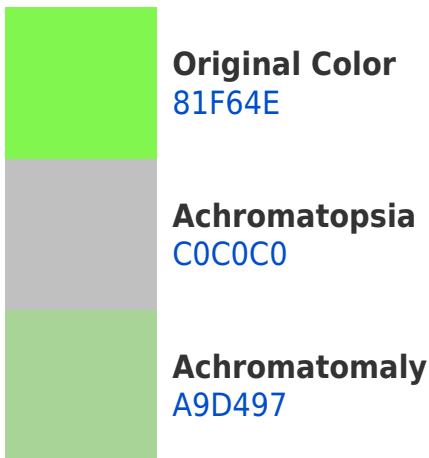


**Tritanopia**  
9FE6F8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81F64E 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 #81F64E looks like.

```
.text, #text, p{  
    color:#81F64E  
}
```

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 #81F64E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81F64E
}
```

## Border

The CSS property to change the border of an element to Hex 81F64E 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
#81F64E }
```

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

```
.border{ border-color:#81F64E }
```

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

Here you see how a box with a 4 pixel #81F64E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81F64E; -webkit-box-shadow:4px 4px  
4px 4px #81F64E; box-shadow:4px 4px 4px  
4px #81F64E }
```

# Background

The CSS property to change the background color of an element to Hex 81F64E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81F64E }
```

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

```
.background{ background-color:#81F64E }
```

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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