

Converting Colors

Hex(81FD1F)

Have a look what the booklet for
Hex(81FD1F) contains.

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Color

Hex(81FD1F)

Conversions

Conversions Part 1

Format	Color
Hex	81FD1F
RGB	129, 253, 31
RGB Percent	51%, 99%, 12%
CMY	0.4941, 0.0078, 0.8784
CMYK	0.49, 0.00, 0.88, 0.01
HSL	94°, 98%, 56%
HSV	94°, 88%, 99%
XYZ	44.4259, 75.0166, 13.4345
YIQ	190.6160, -2.6420, -95.3300

Conversions

Conversions Part 2

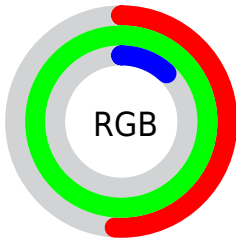
Format	Color
RYB	31, 253, 155
Decimal	8518943
CIELab	89.40, -66.28, 82.16
CIElCh	89, 105.561, 128.895
Yxy	75.0166, 0.3343, 0.5646
Android (android.graphics.Color)	4286709023 (0xFF81FD1F)
YUV	190.6160, -78.6907, -54.0372
Hunter-Lab	86.6121, -60.0134, 51.4320

Details

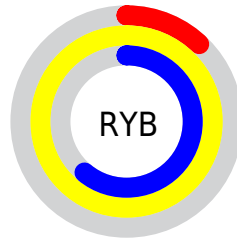
The Hex color **81FD1F** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **9B1FFD**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **BFFF66**, and **3CC300** is the 20% darker color. If you saturate the color by 10%, you get **73FD06**, and if you desaturate by 10%, it is **8FFD38**.

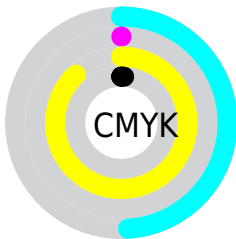
Distribution



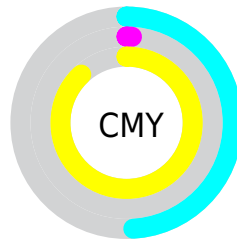
- Red (51%)
- Green (99%)
- Blue (12%)



- Red (12%)
- Yellow (99%)
- Blue (61%)



- Cyan (49%)
- Magenta (0%)
- Yellow (88%)
- Black (1%)



- Cyan (49%)
- Magenta (1%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81FD1F 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 81FD1F by changing the saturation by 10% instead.

 81FD1F

 81FD1F

FFFFFF

 61E000

 BFFF66

 3CC300

 DEFF84

 00A700

 FDFFA2

 008C00

 FFFFC0

 007100

 FFFFDE

 005800


 FFFFFC

 003F00

 002600

 000000

 81FD1F

 81FD1F

 73FD06

 8FFD38

 70FD00

 9DFD52

 ABFD6B

 BAFD84

 C8FD9E

 D6FDB7

 E4FDD0

 F2FDE9

 FFFDFF

Harmonies

Analogous

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



F2E600



81FD1F



00FF93

Triad

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



81FD1F



00FFFF



FF6CC7

Complementary

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



81FD1F



9B1FFD

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.



FF82FF



81FD1F



00E3FF

Square

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



81FD1F



00FFFF



FFB7FF



FF9066

Rectangle

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



81FD1F



00FFDA



FFB7FF



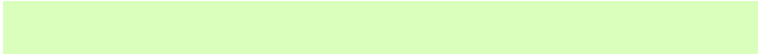
FF6CE9

Sweetspot

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



81FD1F



DAFFBD



FD991F



698058



000000



808080

Same Dimension

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



81FD1F



71FF00



1FFD2A



788073



54BF00



1C4000

Inverse Universe

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



9B1FFD



8E00FF



FD1FF2



7A7380



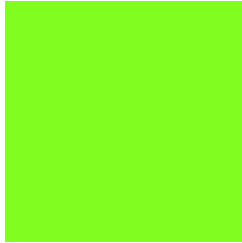
6B00BF



240040

Previews

White Background



This preview shows how the Hex color 81FD1F looks on a white background.

Color Contrast Check

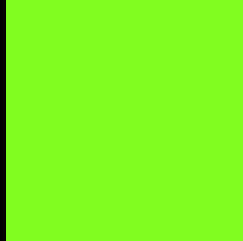
Large Text (above 18pt) WCAG AA × Fail

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 81FD1F 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

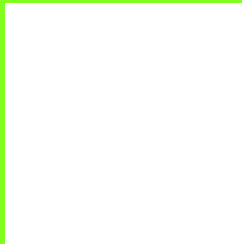
Any Text WCAG AAA ✓ Pass

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

Hex 81FD1F Background



This preview shows how black text looks on a background with the Hex color 81FD1F.

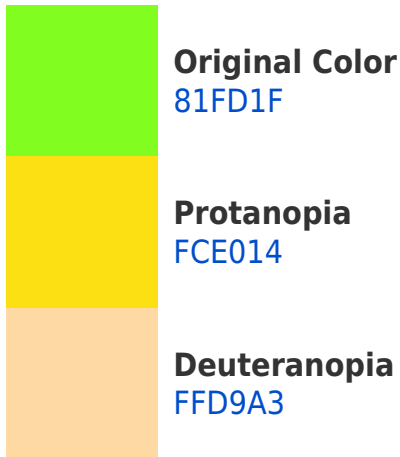


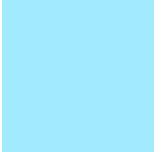
This preview shows how white text looks on a background with the Hex color 81FD1F.

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](#).

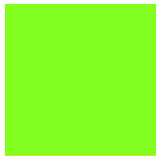
Dichromacy





Tritanopia
A2EBFE

Trichromacy



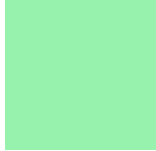
Original Color
81FD1F



Protanomaly
CFEB18

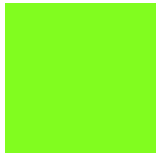


Deuteranomaly
D1E673

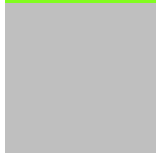


Tritanomaly
96F2AD

Monochromacy



Original Color
81FD1F



Achromatopsia
BFBFBF



Achromatomaly
A8D685

CSS Examples

Text

The CSS property to change the color of the text to Hex 81FD1F 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 #81FD1F looks like.

```
.text, #text, p{  
    color:#81FD1F  
}
```

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 #81FD1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81FD1F
}
```

Border

The CSS property to change the border of an element to Hex 81FD1F 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
#81FD1F }
```

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

```
.border{ border-color:#81FD1F }
```

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

Here you see how a box with a 4 pixel #81FD1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81FD1F; -webkit-box-shadow:4px 4px  
4px 4px #81FD1F; box-shadow:4px 4px 4px  
4px #81FD1F }
```

Background

The CSS property to change the background color of an element to Hex 81FD1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81FD1F }
```

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

```
.background{ background-color:#81FD1F }
```

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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