

Converting Colors

Hex(81FB36)

Have a look what the booklet for
Hex(81FB36) contains.

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Color

Hex(81FB36)

Conversions

Conversions Part 1

Format	Color
Hex	81FB36
RGB	129, 251, 54
RGB Percent	51%, 98%, 21%
CMY	0.4941, 0.0157, 0.7882
CMYK	0.49, 0.00, 0.78, 0.02
HSL	97°, 96%, 60%
HSV	97°, 78%, 98%
XYZ	44.2163, 73.9278, 15.4291
YIQ	192.0640, -9.4750, -87.1310

Conversions

Conversions Part 2

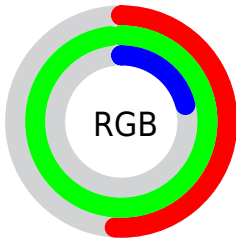
Format	Color
RYB	54, 251, 176
Decimal	8518454
CIELab	88.89, -64.68, 76.57
CIElCh	89, 100.236, 130.189
Yxy	73.9278, 0.3310, 0.5535
Android (android.graphics.Color)	4286708534 (0xFF81FB36)
YUV	192.0640, -68.0656, -55.3071
Hunter-Lab	85.9813, -58.6728, 49.5475

Details

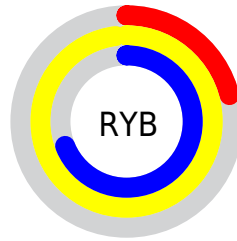
The Hex color **81FB36** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **B036FB**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **BFFF74**, and **3EC100** is the 20% darker color. If you saturate the color by 10%, you get **71FB1D**, and if you desaturate by 10%, it is **91FB4F**.

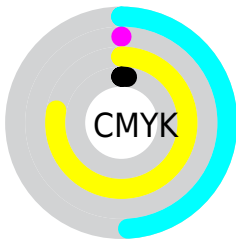
Distribution



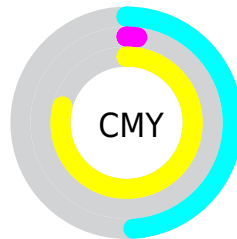
- Red (51%)
- Green (98%)
- Blue (21%)



- Red (21%)
- Yellow (98%)
- Blue (69%)



- Cyan (49%)
- Magenta (0%)
- Yellow (78%)
- Black (2%)



- Cyan (49%)
- Magenta (2%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81FB36 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 81FB36 by changing the saturation by 10% instead.

 81FB36

FFFFFF

 BFFF74

 DDF91

 FCFFAE

 FFFFCC

 FFFFE9

 81FB36

 61DE01

 3EC100

 01A600

 008A00

 007000

 005600

 003D00

 002500

 000000

 81FB36

 81FB36

 71FB1D

 91FB4F

 62FB04

 A0FB68

 60FB00

 B0FB81

 BFFB9A

 CFFBB3

 DEFBCD

 EEFBE6

 FDFBFF

 FFFBFF

Harmonies

Analogous

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



EDE500



81FB36



00FF9A

Triad

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



81FB36



00BFFF



FF76C3

Complementary

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



81FB36



B036FB

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.



FF87FF



81FB36



00E0FF

Square

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



81FB36



00FFFF



FFB6FF



FF9668

Rectangle

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



81FB36



00FFDD



FFB6FF



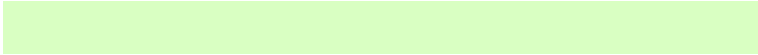
FF75E3

Sweetspot

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



81FB36



D9FFC2



FBAF36



69805B



000000



808080

Same Dimension

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



81FB36



6BFF0F



36FB4D



757D70



48BD00



173D00

Inverse Universe

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



B036FB



A40FFF



FB36E4



78707D



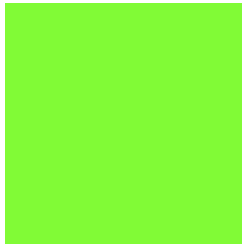
7500BD



26003D

Previews

White Background



This preview shows how the Hex color 81FB36 looks on a white background.

Color Contrast Check

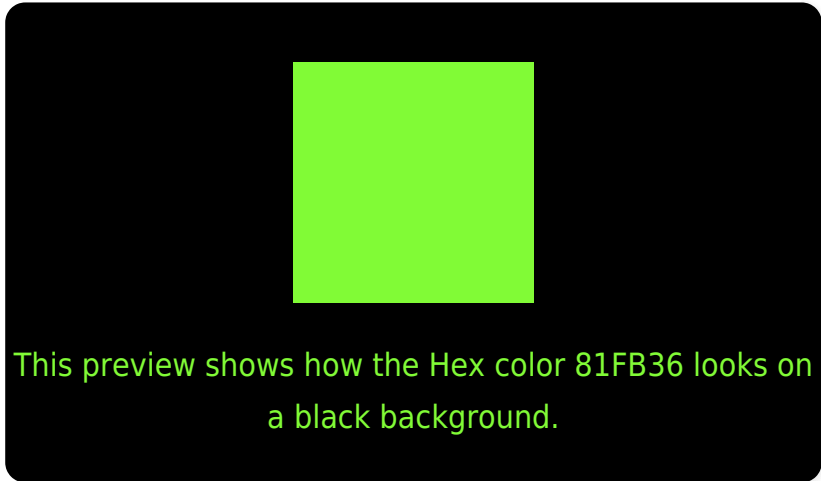
Large Text (above 18pt) WCAG AA × Fail

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

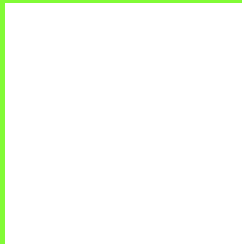
Any Text WCAG AAA ✓ Pass

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

Hex 81FB36 Background



This preview shows how black text looks on a background with the Hex color 81FB36.

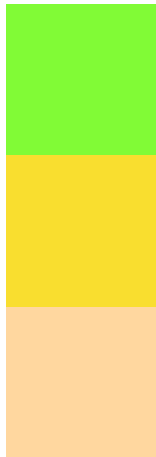


This preview shows how white text looks on a background with the Hex color 81FB36.

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

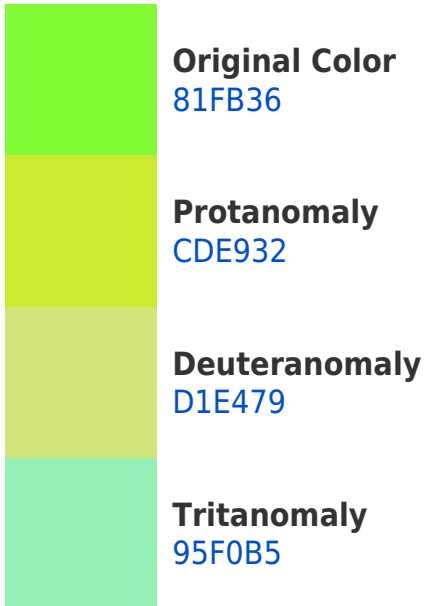


Original Color
81FB36

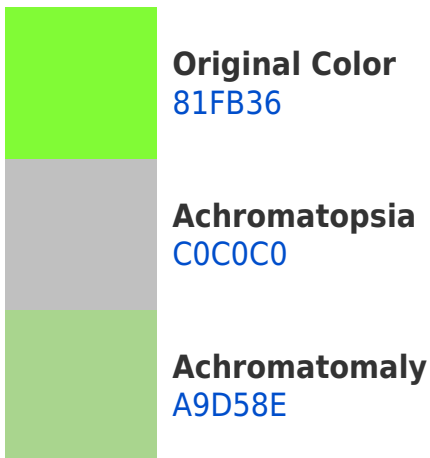
Protanopia
F9DE2F

Deuteranopia
FFD79F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81FB36 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 #81FB36 looks like.

```
.text, #text, p{  
    color:#81FB36  
}
```

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 #81FB36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81FB36
}
```

Border

The CSS property to change the border of an element to Hex 81FB36 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
#81FB36 }
```

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

```
.border{ border-color:#81FB36 }
```

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

Here you see how a box with a 4 pixel #81FB36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81FB36; -webkit-box-shadow:4px 4px  
4px 4px #81FB36; box-shadow:4px 4px 4px  
4px #81FB36 }
```

Background

The CSS property to change the background color of an element to Hex 81FB36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81FB36 }
```

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

```
.background{ background-color:#81FB36 }
```

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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