

Converting Colors

Hex(7EFC81)

Have a look what the booklet for
Hex(7EFC81) contains.

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Color

Hex(7EFC81)

Conversions

Conversions Part 1

Format	Color
Hex	7EFC81
RGB	126, 252, 129
RGB Percent	49%, 99%, 51%
CMY	0.5059, 0.0118, 0.4941
CMYK	0.50, 0.00, 0.49, 0.01
HSL	121°, 95%, 74%
HSV	121°, 50%, 99%
XYZ	47.3770, 75.6414, 32.8721
YIQ	200.3040, -35.6130, -64.9650

Conversions

Conversions Part 2

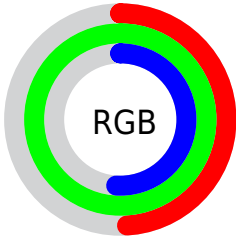
Format	Color
RYB	126, 249, 252
Decimal	8322177
CIELab	89.69, -59.13, 48.06
CIElCh	90, 76.197, 140.896
Yxy	75.6414, 0.3039, 0.4852
Android (android.graphics.Color)	4286512257 (0xFF7EFC81)
YUV	200.3040, -35.1529, -65.1646
Hunter-Lab	86.9721, -54.9653, 38.4711

Details

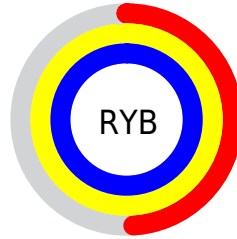
The Hex color **7EFC81** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FC7EF9**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **BAFFB8**, and **3EC24C** is the 20% darker color. If you saturate the color by 10%, you get **65FC68**, and if you desaturate by 10%, it is **97FC9A**.

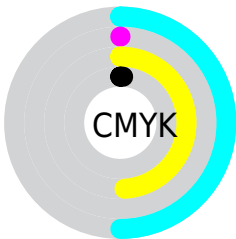
Distribution



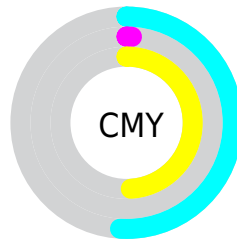
- Red (49%)
- Green (99%)
- Blue (51%)



- Red (49%)
- Yellow (98%)
- Blue (99%)



- Cyan (50%)
- Magenta (0%)
- Yellow (49%)
- Black (1%)



- Cyan (51%)
- Magenta (1%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EFC81 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 7EFC81 by changing the saturation by 10% instead.

 7EFC81

 7EFC81

FFFFFF

 5FDF66

 BAFFB8

 3EC24C

 D8FFD4

 0FA732

 F6FFF1

 008B15

 007100

 005700

 003E00

 002700

 000000

 7EFC81

 7EFC81

 65FC68

 97FC9A

 4CFC50

 B0FCB2

 32FC37

 CAFCCB

 19FC1F

 E3FCE3

 00FC06

 FCFCFC

 FFFCFF

Harmonies

Analogous

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



D7ED4E



7EFC81



00FC8

Triad

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



7EFC81



00F0FF



FFA2B2

Complementary

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



7EFC81



FC7EF9

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.



FFA1FB



7EFC81



BCD7FF

Square

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



7EFC81



00FFFF



FFB9FF



FFBA72

Rectangle

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



7EFC81



00FFFB



FFB9FF



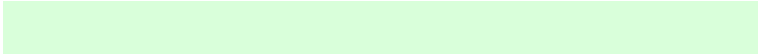
FF9FCA

Sweetspot

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



7EFC81



D9FFDA



FAFC7E



698069



000000



808080

Same Dimension

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



7EFC81



66FF6A



7EFCBF



707D71



00BD04



003D01

Inverse Universe

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



FC7EF9



FF66FB



FC7EBB



7D707D



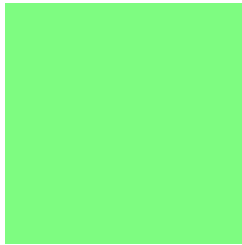
BD00B8



3D003C

Previews

White Background



This preview shows how the Hex color 7EFC81 looks on a white background.

Color Contrast Check

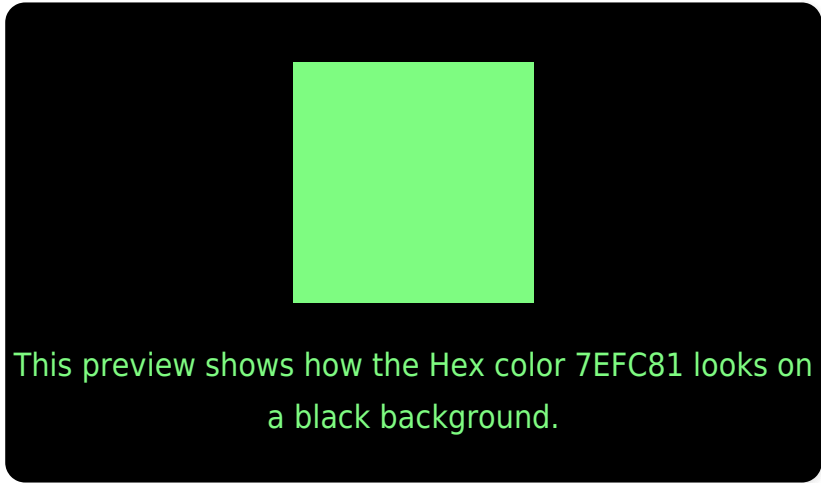
Large Text (above 18pt) WCAG AA × Fail

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

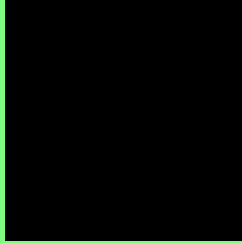
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

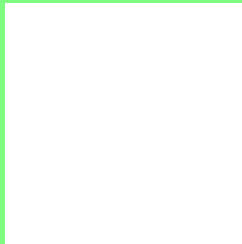
Any Text WCAG AAA ✓ Pass

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

Hex 7EFC81 Background



This preview shows how black text looks on a background with the Hex color 7EFC81.

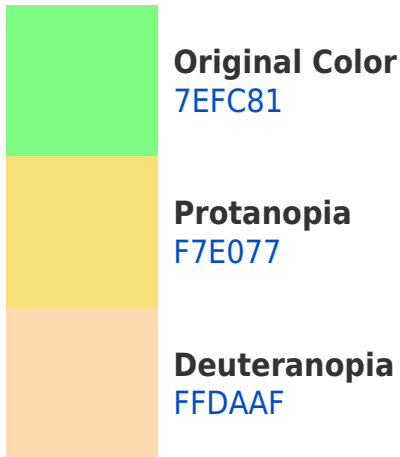


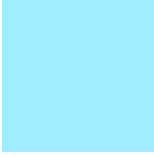
This preview shows how white text looks on a background with the Hex color 7EFC81.

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



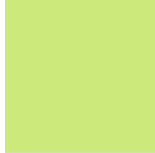


Tritanopia
9FEDFF

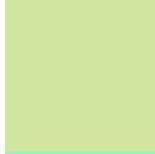
Trichromacy



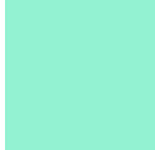
Original Color
7EFC81



Protanomaly
CBEA7B



Deuteranomaly
D0E69E

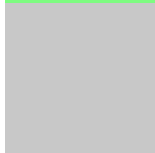


Tritanomaly
93F2D1

Monochromacy



Original Color
7EFC81



Achromatopsia
C8C8C8



Achromatomaly
ADD8E6

CSS Examples

Text

The CSS property to change the color of the text to Hex 7EFC81 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 #7EFC81 looks like.

```
.text, #text, p{  
    color:#7EFC81  
}
```

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 #7EFC81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EFC81  
}
```

Border

The CSS property to change the border of an element to Hex 7EFC81 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  
#7EFC81 }
```

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

```
.border{ border-color:#7EFC81 }
```

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

Here you see how a box with a 4 pixel #7EFC81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EFC81; -webkit-box-shadow:4px 4px  
4px 4px #7EFC81; box-shadow:4px 4px 4px  
4px #7EFC81 }
```

Background

The CSS property to change the background color of an element to Hex 7EFC81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EFC81 }
```

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

```
.background{ background-color:#7EFC81 }
```

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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