

Converting Colors

Hex(7EFB83)

Have a look what the booklet for
Hex(7EFB83) contains.

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Color

Hex(7EFB83)

Conversions

Conversions Part 1

Format	Color
Hex	7EFB83
RGB	126, 251, 131
RGB Percent	49%, 98%, 51%
CMY	0.5059, 0.0157, 0.4863
CMYK	0.50, 0.00, 0.48, 0.02
HSL	122°, 94%, 74%
HSV	122°, 50%, 98%
XYZ	47.1981, 75.0687, 33.4748
YIQ	199.9450, -35.9800, -63.8200

Conversions

Conversions Part 2

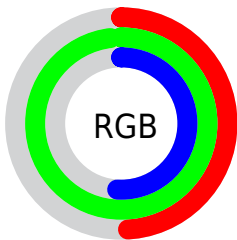
Format	Color
RYB	126, 246, 251
Decimal	8321923
CIELab	89.43, -58.48, 46.78
CIELCh	89, 74.888, 141.339
Yxy	75.0687, 0.3031, 0.4820
Android (android.graphics.Color)	4286512003 (0xFF7EFB83)
YUV	199.9450, -33.9899, -64.8498
Hunter-Lab	86.6422, -54.3864, 37.7424

Details

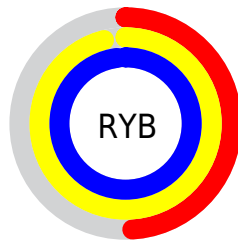
The Hex color **7EFB83** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FB7EF6**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **BAFFBA**, and **3FC14E** is the 20% darker color. If you saturate the color by 10%, you get **65FB6B**, and if you desaturate by 10%, it is **97FB9B**.

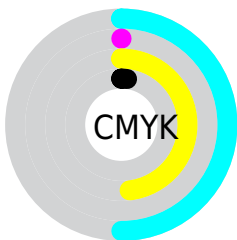
Distribution



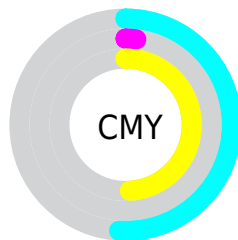
- Red (49%)
- Green (98%)
- Blue (51%)



- Red (49%)
- Yellow (96%)
- Blue (98%)



- Cyan (50%)
- Magenta (0%)
- Yellow (48%)
- Black (2%)



- Cyan (51%)
- Magenta (2%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EFB83 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 7EFB83 by changing the saturation by 10% instead.

 7EFB83

 7EFB83

FFFFFF

 60DE69

 BAFFBA

 3FC14E


 D7FFD6

 10A635

 F6FFF3

 008A19

 007000

 005600

 003E00

 002600

 000000

 7EFB83

 7EFB83

 65FB6B

 97FB9B

 4CFB53

 B0FBB3

 33FB3B

 C9FBCB

 1AFB23

 E2FBE3

 00FB0B

 FBFBBF

 00FB0A

 FFFBFF

Harmonies

Analogous

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



D6EC51



7EFB83



00FFC9

Triad

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



7EFB83



00EFFF



FFA3B1

Complementary

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



7EFB83



FB7EF6

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.



FFA2F9



7EFB83



BFD6FF

Square

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



7EFB83



00FEFF



FFB8FF



FFBA72

Rectangle

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



7EFB83



00FFFB



FFB8FF



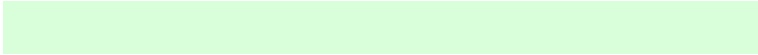
FFA0C8

Sweetspot

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



7EFB83



D9FFDA



F7FB7E



698069



000000



808080

Same Dimension

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



7EFB83



66FF6C



7EFBC1



707D71



00BD08



003D02

Inverse Universe

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



FB7EF6



FF66F9



FB7EB8



7D707C



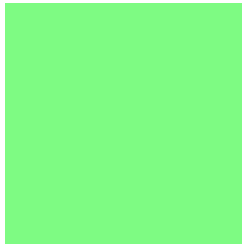
BD00B5



3D003B

Previews

White Background



This preview shows how the Hex color 7EFB83 looks on a white background.

Color Contrast Check

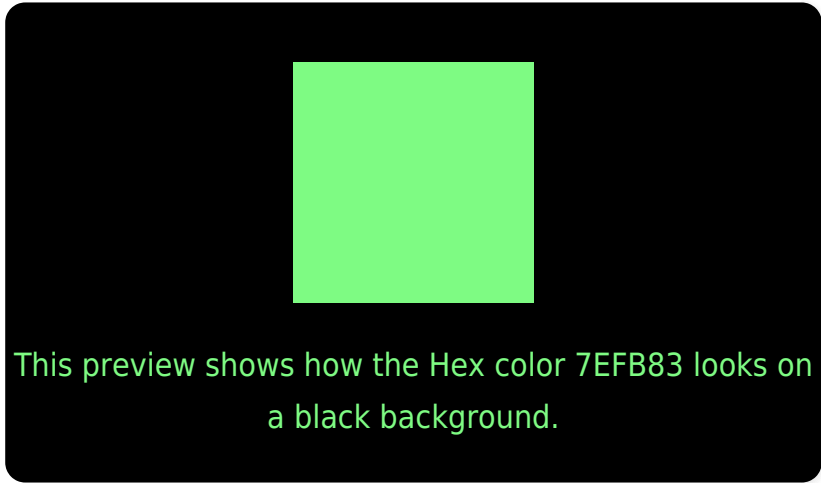
Large Text (above 18pt) WCAG AA × Fail

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

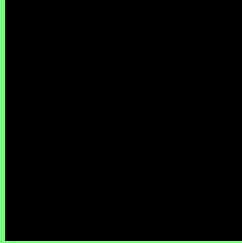
Any Text WCAG AA ✓ Pass

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 7EFB83 Background



This preview shows how black text looks on a background with the Hex color 7EFB83.

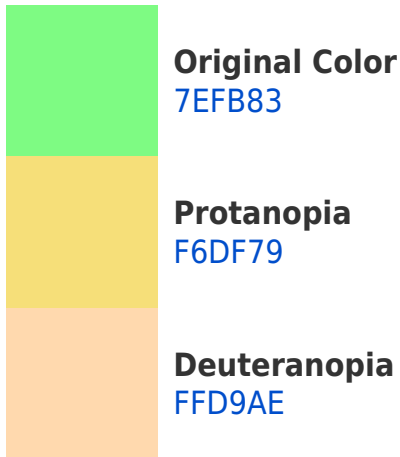


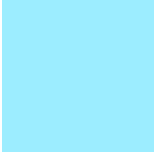
This preview shows how white text looks on a background with the Hex color 7EFB83.

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



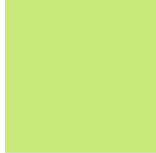


Tritanopia
9CEDFF

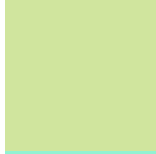
Trichromacy



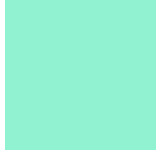
Original Color
7EFB83



Protanomaly
CAE97D

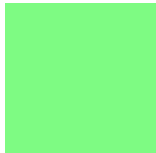


Deuteranomaly
D0E59E

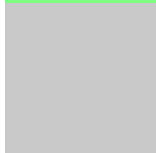


Tritanomaly
91F2D2

Monochromacy



Original Color
7EFB83



Achromatopsia
C8C8C8



Achromatomaly
ADD8A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 7EFB83 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 #7EFB83 looks like.

```
.text, #text, p{  
    color:#7EFB83  
}
```

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 #7EFB83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EFB83
}
```

Border

The CSS property to change the border of an element to Hex 7EFB83 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
#7EFB83 }
```

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

```
.border{ border-color:#7EFB83 }
```

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

Here you see how a box with a 4 pixel #7EFB83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EFB83; -webkit-box-shadow:4px 4px  
4px 4px #7EFB83; box-shadow:4px 4px 4px  
4px #7EFB83 }
```

Background

The CSS property to change the background color of an element to Hex 7EFB83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EFB83 }
```

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

```
.background{ background-color:#7EFB83 }
```

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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