

Converting Colors

Hex(7EFFA3)

Have a look what the booklet for
Hex(7EFFA3) contains.

| | |
|--|----|
| Hex(7EFFA3) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(7EFFA3)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7EFFA3 |
| RGB | 126, 255, 163 |
| RGB Percent | 49%, 100%, 64% |
| CMY | 0.5059, 0.0000, 0.3608 |
| CMYK | 0.51, 0.00, 0.36, 0.00 |
| HSL | 137°, 100%, 75% |
| HSV | 137°, 51%, 100% |
| XYZ | 50.9750, 78.6000, 47.1350 |
| YIQ | 205.9410, -47.3520, -55.9600 |

Conversions

Conversions Part 2

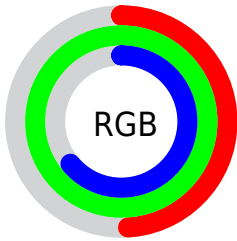
| Format | Color |
|--|--|
| RYB | 126, 226, 255 |
| Decimal | 8322979 |
| CIELab | 91.05, -55.20, 33.28 |
| CIElCh | 91, 64.457, 148.915 |
| Yxy | 78.6000, 0.2885, 0.4448 |
| Android (android.graphics.Color) | 4286513059 (0xFF7EFA3) |
| YUV | 205.9410, -21.1699, -70.1083 |
| Hunter-Lab | 88.6566, -52.5166, 30.5376 |

Details

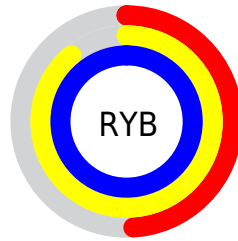
The Hex color **7EFFA3** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FF7EDA**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **B9FFDB**, and **3FC56E** is the 20% darker color. If you saturate the color by 10%, you get **65FF91**, and if you desaturate by 10%, it is **98FFB5**.

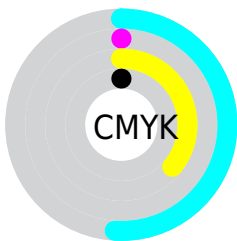
Distribution



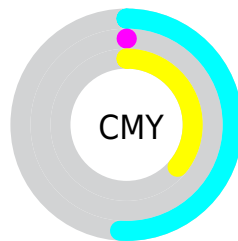
- Red (49%)
- Green (100%)
- Blue (64%)



- Red (49%)
- Yellow (89%)
- Blue (100%)



- Cyan (51%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)



- Cyan (51%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EFA3 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 7EFA3 by changing the saturation by 10% instead.

 7EFFA3

 7EFFA3

FFFFFF

 60E288

 B9FFDB

 3FC56E

 D7FFF7

 11A955

 F5FFFF

 008E3D

 007425

 005A0B

 004100


 002B00

 000700

 7EFA3

 7EFA3

 65FF91

 98FFB5

 4BFF7F

 B1FFC7

 31FF6C

 CBFFDA

 18FF5A

 E4FFEC

 00FF49

FEFFFE

FFFFFF

Harmonies

Analogous

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



CDF374



7EFA3



00FE1

Triad

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



7EFFA3



6BEDFF



FFB7AD

Complementary

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



7EFFA3



FF7EDA

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.



FFB1EA



7EFFA3



E5D6FF

Square

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



7EFAA3



00FCFF



FFBEFF



FFCB7C

Rectangle

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



7EFFA3



00FFFF



FFBEFF



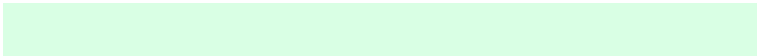
FFB3C1

Sweetspot

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



7EFA3



D9FFE4



DAFF7E



69806F



000000



808080

Same Dimension

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



7EFFA3



63FF90



7EFFE3



738076



00BF37



004012

Inverse Universe

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



FF7EDA



FF63D2



FF7E9A



80737C



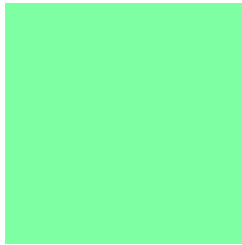
BF0088



40002D

Previews

White Background



This preview shows how the Hex color 7E9FA3 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

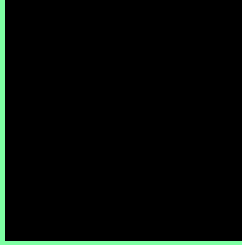
Any Text WCAG AA ✓ Pass

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 7EFFA3 Background



This preview shows how black text looks on a background with the Hex color 7EFA3.

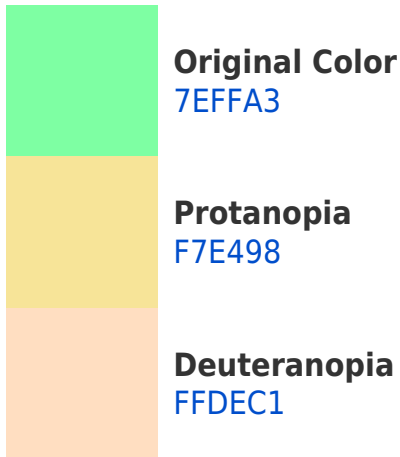


This preview shows how white text looks on a background with the Hex color 7EFA3.

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



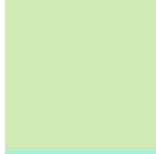
Trichromacy



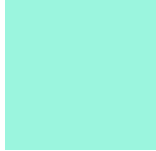
Original Color
7EFFA3



Protanomaly
CBEE9C

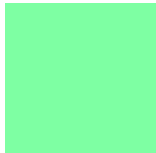


Deuteranomaly
D0EAB6

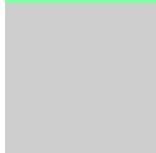


Tritanomaly
9BF5DE

Monochromacy



Original Color
7EFFA3



Achromatopsia
CECECE



Achromatomaly
B1E0BE

CSS Examples

Text

The CSS property to change the color of the text to Hex 7EFFA3 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 #7EFFA3 looks like.

```
.text, #text, p{  
    color:#7EFFA3  
}
```

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 #7EFFA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EFFA3
}
```

Border

The CSS property to change the border of an element to Hex 7EFFA3 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
#7EFFA3 }
```

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

```
.border{ border-color:#7EFFA3 }
```

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

Here you see how a box with a 4 pixel #7EFFA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EFFA3; -webkit-box-shadow:4px 4px  
4px 4px #7EFFA3; box-shadow:4px 4px 4px  
4px #7EFFA3 }
```

Background

The CSS property to change the background color of an element to Hex 7EFFA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EFFA3 }
```

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

```
.background{ background-color:#7EFFA3 }
```

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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