

Converting Colors

Hex(7EF0BE)

Have a look what the booklet for
Hex(7EF0BE) contains.

Hex(7EF0BE)	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(7EF0BE)

Conversions

Conversions Part 1

Format	Color
Hex	7EF0BE
RGB	126, 240, 190
RGB Percent	49%, 94%, 75%
CMY	0.5059, 0.0588, 0.2549
CMYK	0.47, 0.00, 0.21, 0.06
HSL	154°, 79%, 72%
HSV	154°, 48%, 94%
XYZ	49.0585, 70.4735, 59.7323
YIQ	200.2140, -51.8940, -39.7180

Conversions

Conversions Part 2

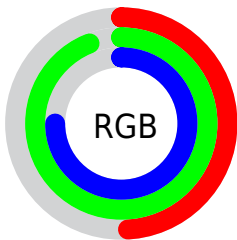
Format	Color
R _Y B	126, 199, 240
Decimal	8319166
CIE Lab	87.23, -43.87, 14.26
CIE LCh	87, 46.131, 161.999
Yxy	70.4735, 0.2737, 0.3931
Android (android.graphics.Color)	4286509246 (0xFF7EF0BE)
YUV	200.2140, -5.0355, -65.0857
Hunter-Lab	83.9485, -42.5965, 16.5770

Details

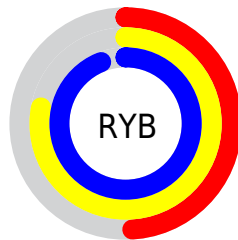
The Hex color **7EF0BE** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F07EB0**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **B8FFF6**, and **42B789** is the 20% darker color. If you saturate the color by 10%, you get **66F0B3**, and if you desaturate by 10%, it is **96F0C9**.

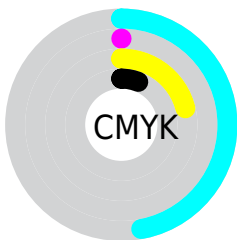
Distribution



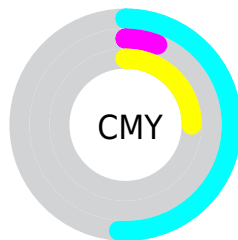
- Red (49%)
- Green (94%)
- Blue (75%)



- Red (49%)
- Yellow (78%)
- Blue (94%)



- Cyan (47%)
- Magenta (0%)
- Yellow (21%)
- Black (6%)



- Cyan (51%)
- Magenta (6%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EF0BE 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 7EF0BE by changing the saturation by 10% instead.

 7EF0BE

 7EF0BE

FFFFFF

 61D3A3

 B8FFF6

 42B789

 D6FFFF

 1D9C6F

 F3FFFF

 008157

 00673F

 004E29

 003614


 002100

 000000

 7EF0BE

 7EF0BE

 66F0B3

 96F0C9

 4EF0A9

 AEF0D3

 36F09E

 C6F0DE

 1EF094

 DEF0E8

 06F089

 F6F0F3

 00F087

 FFF0FD

 FFF0FF

Harmonies

Analogous

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



B5E998



7EF0BE



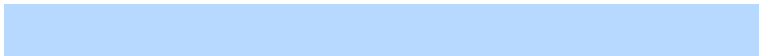
3BF2EB

Triad

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



7EF0BE



B8D9FF



FFC0A2

Complementary

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



7EF0BE



F07EB0

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.



FFB8CA



7EF0BE



F6C9FF

Square

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



7EF0BE



6AE6FF



FFBCF7



FFCF87

Rectangle

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



7EF0BE



03F1FF



FFBCF7



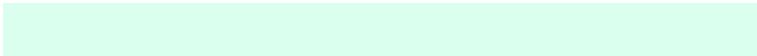
FFBDAE

Sweetspot

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



7EF0BE



DBFFEF



B1F07E



6A8076



000000



808080

Same Dimension

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



7EF0BE



6EFFBF



7EEAF0



6C7873



00B867



00381F

Inverse Universe

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



F07EB0



FF6EAD



F0847E



786C71



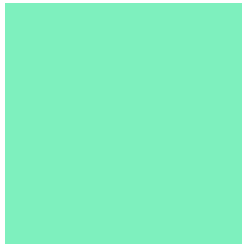
B80051



380019

Previews

White Background



This preview shows how the Hex color 7EF0BE looks on a white background.

Color Contrast Check

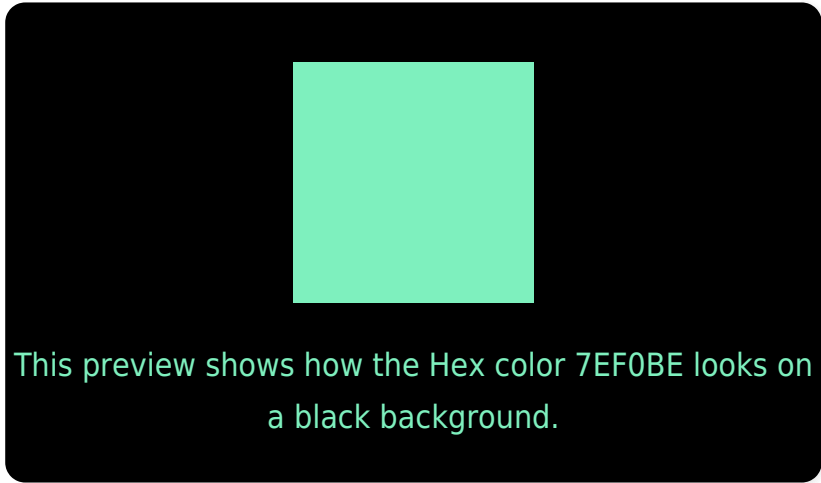
Large Text (above 18pt) WCAG AA × Fail

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 7EF0BE Background



This preview shows how black text looks on a background with the Hex color 7EF0BE.

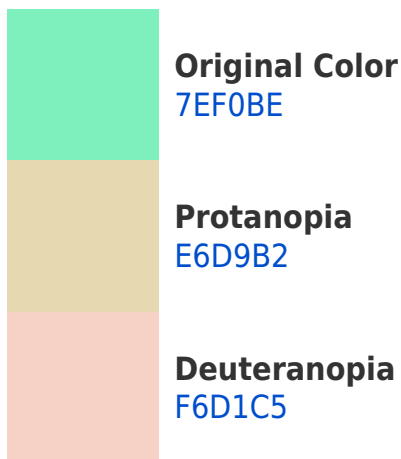


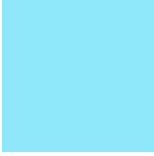
This preview shows how white text looks on a background with the Hex color 7EF0BE.

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
8EE8FA

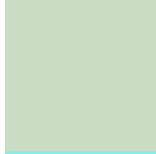
Trichromacy



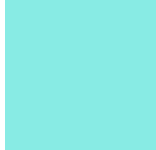
Original Color
7EF0BE



Protanomaly
C0E1B6



Deuteranomaly
CADCC2

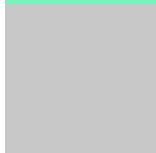


Tritanomaly
88EBE4

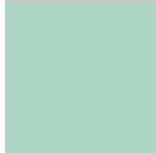
Monochromacy



Original Color
7EF0BE



Achromatopsia
C8C8C8



Achromatomaly
ADD7C4

CSS Examples

Text

The CSS property to change the color of the text to Hex 7EF0BE 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 #7EF0BE looks like.

```
.text, #text, p{  
    color:#7EF0BE  
}
```

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 #7EF0BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EF0BE
}
```

Border

The CSS property to change the border of an element to Hex 7EF0BE 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
#7EF0BE }
```

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

```
.border{ border-color:#7EF0BE }
```

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

Here you see how a box with a 4 pixel #7EF0BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EF0BE; -webkit-box-shadow:4px 4px  
4px 4px #7EF0BE; box-shadow:4px 4px 4px  
4px #7EF0BE }
```

Background

The CSS property to change the background color of an element to Hex 7EF0BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EF0BE }
```

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

```
.background{ background-color:#7EF0BE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor