

# Converting Colors

Hex(7EFBBF)

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

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**Color**

**Hex(7EFBBF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EFBBF
RGB	126, 251, 191
RGB Percent	49%, 98%, 75%
CMY	0.5059, 0.0157, 0.2510
CMYK	0.50, 0.00, 0.24, 0.02
HSL	151°, 94%, 74%
HSV	151°, 50%, 98%
XYZ	52.5053, 77.1916, 61.4224
YIQ	206.7850, -55.2400, -45.1600

# Conversions

## Conversions Part 2

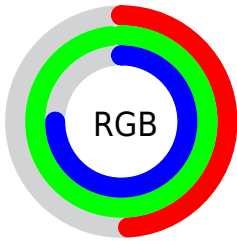
Format	Color
<b>RYB</b>	126, 208, 251
Decimal	8321983
CIELab	90.41, -48.40, 18.21
CIELCh	90, 51.716, 159.382
Yxy	77.1916, 0.2747, 0.4039
Android (android.graphics.Color)	4286512063 (0xFF7EFBBF)
YUV	206.7850, -7.7820, -70.8484
Hunter-Lab	87.8587, -47.0792, 20.0513

# Details

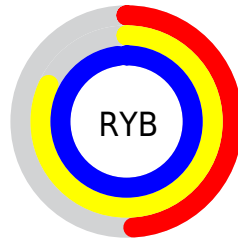
The Hex color **7EFBBF** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FB7EBA**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **B9FFF7**, and **40C289** is the 20% darker color. If you saturate the color by 10%, you get **65FBB3**, and if you desaturate by 10%, it is **97FBCB**.

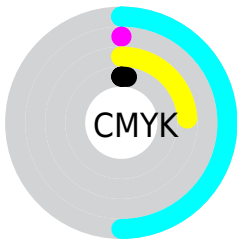
# Distribution



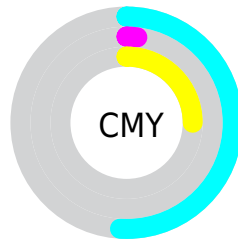
- Red (49%)
- Green (98%)
- Blue (75%)



- Red (49%)
- Yellow (82%)
- Blue (98%)



- Cyan (50%)
- Magenta (0%)
- Yellow (24%)
- Black (2%)



- Cyan (51%)
- Magenta (2%)
- Yellow (25%)

# Brightness & Saturation Gradients

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



 7EFBBF

 7EFBBF

FFFFFF

 60DEA4

 B9FFF7

 40C289

 D7FFFF

 16A670

 F5FFFF

 008B57

 007140

 005729

 003F14

 002900

 000300

 7EFBBF

 7EFBBF

 65FBB3

 97FBCB

 4CFBA7

 B0FBD7

 33FB9B

 C9FBE3

 1AFB8F

 E2FBEF

 00FB83

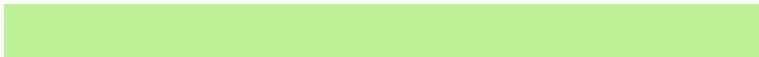
 FBFBBF

 FFFBFF

# Harmonies

## Analogous

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



BEF395



7EFBBF



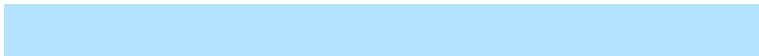
0AFEF2

# Triad

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



7EFBBF



B3E3FF



FFC4A7

# Complementary

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



7EFBBF



FB7EBA

# 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.



FFBCD6



7EFBBF



FDD1FF

# Square

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



7EFBBF



4CF2FF



FFC1FF



FFD587

# Rectangle

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



7EFBBF



00DFFF



FFC1FF



FFC0B6

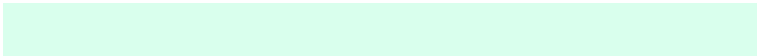


# Sweetspot

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



7EFBBF



D9FFED



BAFB7E



698074



000000



808080



# Same Dimension

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



7EFBBF



66FFB6



7EF9FB



707D77



00BD62



003D20



# Inverse Universe

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



FB7EBA



FF66AF



FB807E



7D7076



BD005B

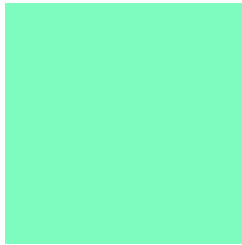


3D001D



# Previews

## White Background



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

## Color Contrast Check

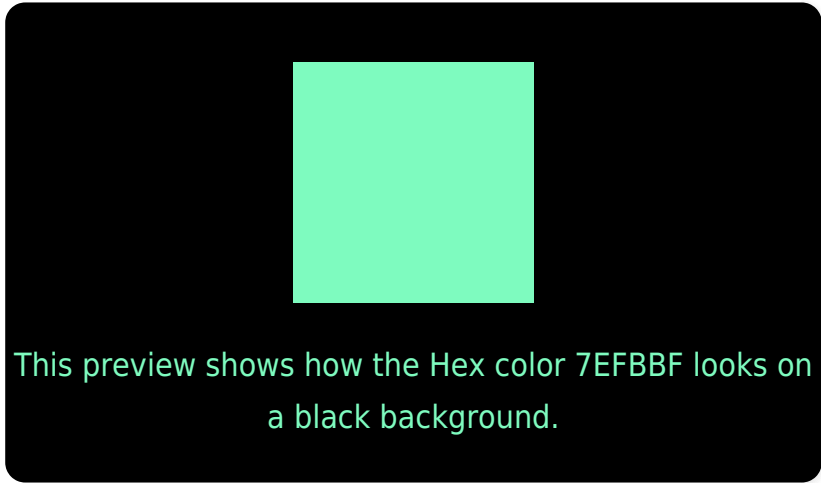
Large Text (above 18pt) WCAG AA × Fail

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

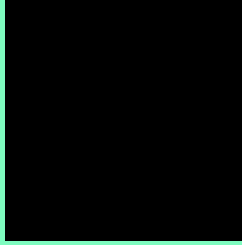
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7EFBBF Background



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

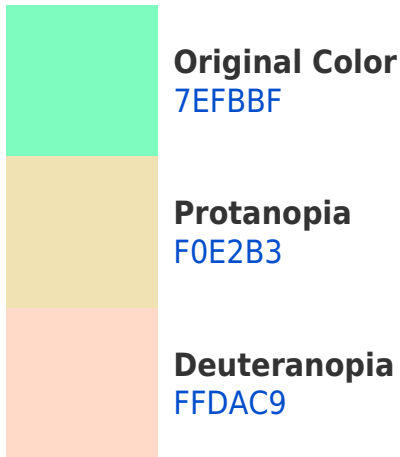


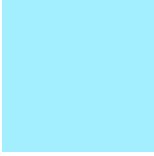
This preview shows how white text looks on a background with the Hex color 7EFBBF.

# 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



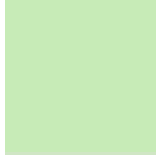


**Tritanopia**  
A4EFFF

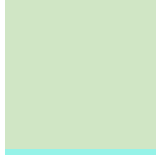
# Trichromacy



**Original Color**  
7EFBBF



**Protanomaly**  
C7EBB7



**Deuteranomaly**  
D0E6C5

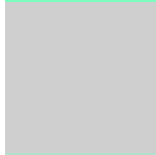


**Tritanomaly**  
96F3E8

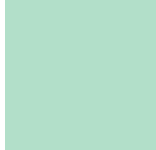
# Monochromacy



**Original Color**  
7EFBBF



**Achromatopsia**  
CFCFCF



**Achromatomaly**  
B2DFC9

# CSS Examples

## Text

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

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

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 #7EFBBF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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