

# Converting Colors

Hex(7EF8C1)

Have a look what the booklet for  
Hex(7EF8C1) contains.

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**Color**

**Hex(7EF8C1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EF8C1
RGB	126, 248, 193
RGB Percent	49%, 97%, 76%
CMY	0.5059, 0.0275, 0.2431
CMYK	0.49, 0.00, 0.22, 0.03
HSL	153°, 90%, 73%
HSV	153°, 49%, 97%
XYZ	51.7972, 75.4207, 62.2797
YIQ	205.2520, -55.0570, -42.9690

# Conversions

## Conversions Part 2

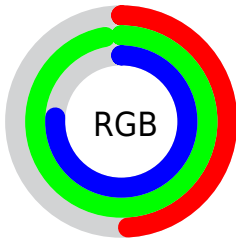
Format	Color
<a href="#">RYB</a>	<a href="#">126, 205, 248</a>
Decimal	<a href="#">8321217</a>
CIELab	<a href="#">89.59, -46.72, 16.03</a>
CIELCh	<a href="#">90, 49.395, 161.061</a>
Yxy	<a href="#">75.4207, 0.2733, 0.3980</a>
Android (android.graphics.Color)	<a href="#">4286511297 (0xFF7EF8C1)</a>
YUV	<a href="#">205.2520, -6.0402, -69.5040</a>
Hunter-Lab	<a href="#">86.8451, -45.5157, 18.2726</a>

# Details

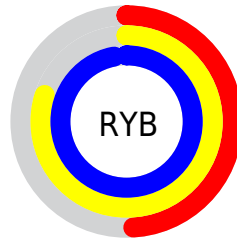
The Hex color **7EF8C1** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F87EB5**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **B9FFFA**, and **41BF8B** is the 20% darker color. If you saturate the color by 10%, you get **65F8B6**, and if you desaturate by 10%, it is **97F8CC**.

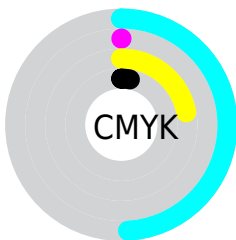
# Distribution



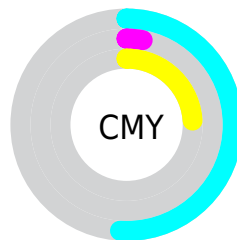
- Red (49%)
- Green (97%)
- Blue (76%)



- Red (49%)
- Yellow (80%)
- Blue (97%)



- Cyan (49%)
- Magenta (0%)
- Yellow (22%)
- Black (3%)



- Cyan (51%)
- Magenta (3%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EF8C1 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 7EF8C1 by changing the saturation by 10% instead.



 7EF8C1

 7EF8C1

FFFFFF

 60DBA6

 B9FFFA

 41BF8B

 D6FFFF

 18A372

 F4FFFF

 008859

 006E42

 00552B

 003C16

 002700

 000000

 7EF8C1

 7EF8C1

 65F8B6

 97F8CC

 4CF8AB

 B0F8D7

 34F89F

 C8F8E3

 1BF894

 E1F8EE

 02F889

 FAF8F9

 00F888

 FFF8FF

# Harmonies

## Analogous

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



BBF198



7EF8C1



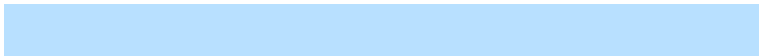
28FAF2

# Triad

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



7EF8C1



B8E0FF



FFC4A5

# Complementary

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



7EF8C1



F87EB5

# 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.



FFBCD1



7EF8C1



FDCEFF

# Square

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



7EF8C1



5FEEFF



FFC0FF



FFD488

# Rectangle

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



7EF8C1



00F9FF



FFC0FF



FFC0B3

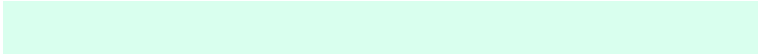


# Sweetspot

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



7EF8C1



D9FFEE



B7F87E



698075



000000



808080



# Same Dimension

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



7EF8C1



69FFBB



7EF4F8



707D77



00BD68



003D22



# Inverse Universe

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



F87EB5



FF69AC



F8827E



7D7076



BD0055

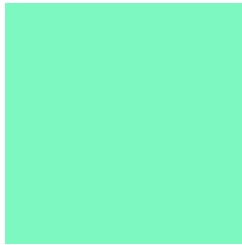


3D001C



# Previews

## White Background



This preview shows how the Hex color 7EF8C1 looks on a white background.

## Color Contrast Check

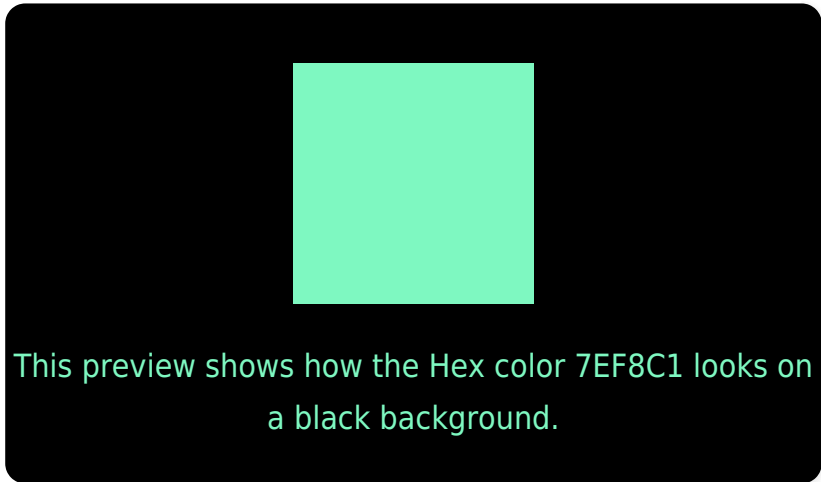
Large Text (above 18pt) WCAG AA × Fail

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

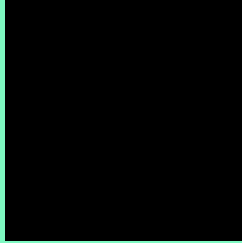
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7EF8C1 Background



This preview shows how black text looks on a background with the Hex color 7EF8C1.

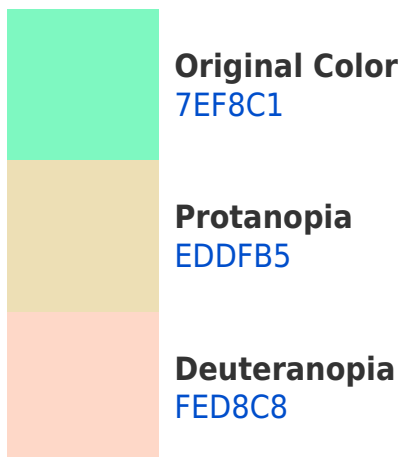


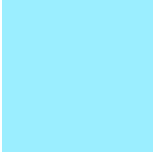
This preview shows how white text looks on a background with the Hex color 7EF8C1.

# 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





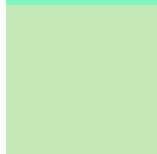
**Tritanopia**  
9BEEFF

# Trichromacy



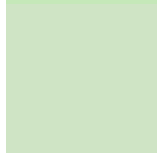
**Original Color**

7EF8C1



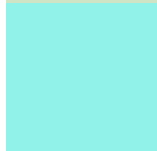
**Protanomaly**

C5E8B9



**Deuteranomaly**

CFE4C5



**Tritanomaly**

90F2E8

# Monochromacy



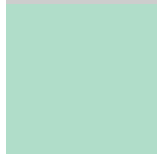
**Original Color**

7EF8C1



**Achromatopsia**

CDCDCD



**Achromatomaly**

B0DDC9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EF8C1 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 #7EF8C1 looks like.

```
.text, #text, p{  
    color:#7EF8C1  
}
```

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 #7EF8C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EF8C1
}
```

## Border

The CSS property to change the border of an element to Hex 7EF8C1 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
#7EF8C1 }
```

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

```
.border{ border-color:#7EF8C1 }
```

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

Here you see how a box with a 4 pixel #7EF8C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EF8C1; -webkit-box-shadow:4px 4px  
4px 4px #7EF8C1; box-shadow:4px 4px 4px  
4px #7EF8C1 }
```

# Background

The CSS property to change the background color of an element to Hex 7EF8C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EF8C1 }
```

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

```
.background{ background-color:#7EF8C1 }
```

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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