

# Converting Colors

Hex(7FE4C7)

Have a look what the booklet for  
Hex(7FE4C7) contains.

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# **Color**

**Hex(7FE4C7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FE4C7
RGB	127, 228, 199
RGB Percent	50%, 89%, 78%
CMY	0.5020, 0.1059, 0.2196
CMYK	0.44, 0.00, 0.13, 0.11
HSL	163°, 65%, 70%
HSV	163°, 44%, 89%
XYZ	46.8046, 64.1224, 63.9428
YIQ	194.4950, -50.8870, -30.4310

# Conversions

## Conversions Part 2

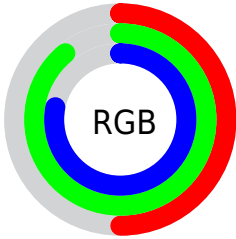
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 186, 228
Decimal	8381639
CIELab	84.03, -36.32, 4.98
CIELCh	84, 36.662, 172.193
Yxy	64.1224, 0.2677, 0.3667
Android (android.graphics.Color)	4286571719 (0xFF7FE4C7)
YUV	194.4950, 2.2210, -59.1931
Hunter-Lab	80.0764, -35.8007, 8.7091

# Details

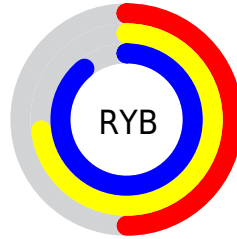
The Hex color **7FE4C7** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E47F9C**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **B8FFFF**, and **45AC91** is the 20% darker color. If you saturate the color by 10%, you get **68E4C0**, and if you desaturate by 10%, it is **96E4CE**.

# Distribution



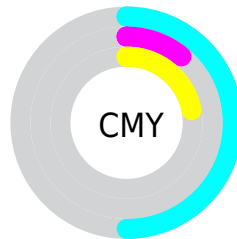
- Red (50%)
- Green (89%)
- Blue (78%)



- Red (50%)
- Yellow (73%)
- Blue (89%)



- Cyan (44%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)



- Cyan (50%)
- Magenta (11%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FE4C7 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 7FE4C7 by changing the saturation by 10% instead.



 7FE4C7

 7FE4C7

FFFFFF

 63C8AC

 B8FFFF

 45AC91

 D5FFFF

 249178

 F3FFFF

 00775F

 005E47

 004531

 002E1C

 001702

 000000

 7FE4C7

 7FE4C7

 68E4C0

 96E4CE

 51E4BA

 ADE4D4

 3BE4B3

 C3E4DB

 24E4AD

 DAE4E1

 0DE4A6

 F1E4E8

 00E4A3

 FFE4EE

 FFE4F5

 FFE4FB

 FFE4FF

# Harmonies

## Analogous

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



A7E0A6



7FE4C7



61E4EA

# Triad

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



7FE4C7



CACCFE



FFC19C

# Complementary

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



7FE4C7



E47F9C

# 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.



FFB9B9



7FE4C7



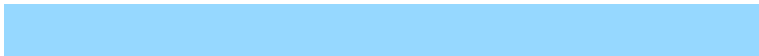
F5C0FC

# Square

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



7FE4C7



96D8FF



FFB8DC



F2CC8D

# Rectangle

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



7FE4C7



61E2FF



FFB8DC



FFBDA5



# Sweetspot

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



7FE4C7



DEFFF5



9DE47F



6B807A



000000



808080



# Same Dimension

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



7FE4C7



78FFD8



7FD0E4



67736F



00B37F



003324



# Inverse Universe

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



E47F9C



FF789F



E4937F



73676B



B30033

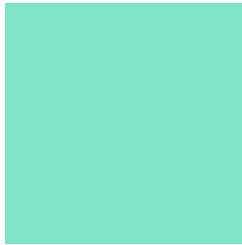


33000F



# Previews

## White Background



This preview shows how the Hex color 7FE4C7 looks on a white background.

## Color Contrast Check

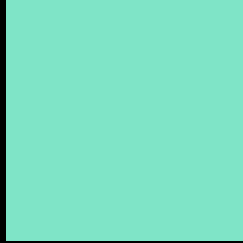
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 7FE4C7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

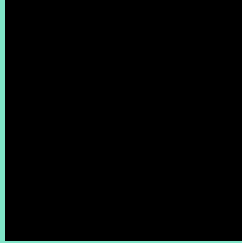
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

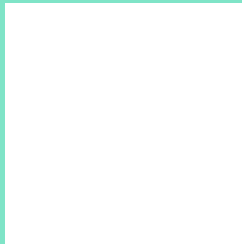
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7FE4C7 Background



This preview shows how black text looks on a background with the Hex color 7FE4C7.

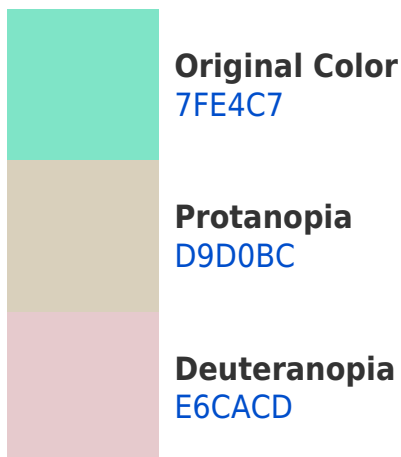


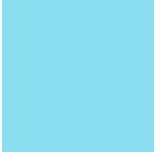
This preview shows how white text looks on a background with the Hex color 7FE4C7.

# 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**  
8ADEF0

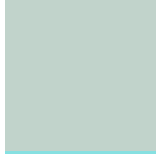
# Trichromacy



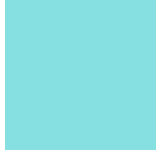
**Original Color**  
7FE4C7



**Protanomaly**  
B8D7C0



**Deuteranomaly**  
C1D3CB

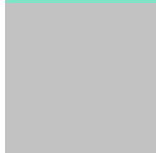


**Tritanomaly**  
86E0E1

# Monochromacy



**Original Color**  
7FE4C7



**Achromatopsia**  
C2C2C2



**Achromatomaly**  
AACEC4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FE4C7 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 #7FE4C7 looks like.

```
.text, #text, p{  
    color:#7FE4C7  
}
```

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 #7FE4C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FE4C7
}
```

## Border

The CSS property to change the border of an element to Hex 7FE4C7 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
#7FE4C7 }
```

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

```
.border{ border-color:#7FE4C7 }
```

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

Here you see how a box with a 4 pixel #7FE4C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FE4C7; -webkit-box-shadow:4px 4px  
4px 4px #7FE4C7; box-shadow:4px 4px 4px  
4px #7FE4C7 }
```

# Background

The CSS property to change the background color of an element to Hex 7FE4C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FE4C7 }
```

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

```
.background{ background-color:#7FE4C7 }
```

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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