

# Converting Colors

Hex(78F7B4)

Have a look what the booklet for  
Hex(78F7B4) contains.

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# Color

**Hex(78F7B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78F7B4
RGB	120, 247, 180
RGB Percent	47%, 97%, 71%
CMY	0.5294, 0.0314, 0.2941
CMYK	0.51, 0.00, 0.27, 0.03
HSL	148°, 89%, 72%
HSV	148°, 51%, 97%
XYZ	49.2447, 73.8099, 54.8313
YIQ	201.3890, -54.1850, -47.7610

# Conversions

## Conversions Part 2

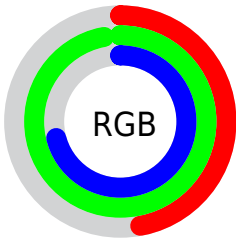
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">120, 206, 247</a>
Decimal	<a href="#">7927732</a>
CIELab	<a href="#">88.83, -50.28, 21.63</a>
CIElCh	<a href="#">89, 54.734, 156.725</a>
Yxy	<a href="#">73.8099, 0.2768, 0.4149</a>
Android (android.graphics.Color)	<a href="#">4286117812 (0xFF78F7B4)</a>
YUV	<a href="#">201.3890, -10.5448, -71.3782</a>
Hunter-Lab	<a href="#">85.9127, -48.0319, 22.2987</a>

# Details

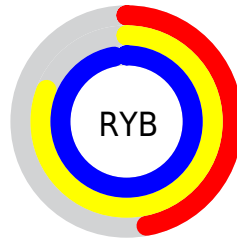
The Hex color **78F7B4** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F778BB**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **B3FFEC**, and **39BE7F** is the 20% darker color. If you saturate the color by 10%, you get **5FF7A7**, and if you desaturate by 10%, it is **91F7C1**.

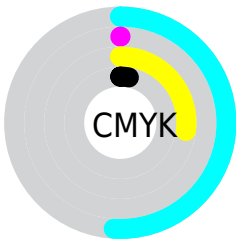
# Distribution



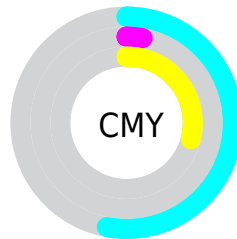
- Red (47%)
- Green (97%)
- Blue (71%)



- Red (47%)
- Yellow (81%)
- Blue (97%)



- Cyan (51%)
- Magenta (0%)
- Yellow (27%)
- Black (3%)



- Cyan (53%)
- Magenta (3%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78F7B4 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 78F7B4 by changing the saturation by 10% instead.



 78F7B4

 78F7B4

FFFFFF

 5ADA99

 B3FFEC

 39BE7F

 D1FFFF

 02A266

 EFFFFFF

 00874D

 006D36


 005420

 003B0A

 002500

 000000

 78F7B4

 78F7B4

 5FF7A7

 91F7C1

 47F79A

 A9F7CE

 2EF78D

 C2F7DB

 15F780

 DBF7E8

 00F775

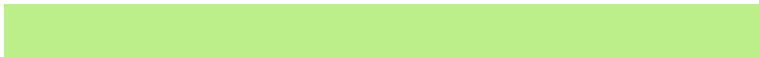
 F4F7F5

 FFF7FF

# Harmonies

## Analogous

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



BCEE89



78F7B4



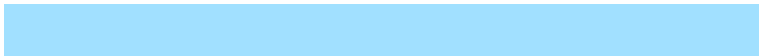
00FAEA

# Triad

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



78F7B4



A1E0FF



FFBCA3

# Complementary

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



78F7B4



F778BB

# 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.



FFB4D5



78F7B4



F3CDFF

# Square

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



78F7B4



00F0FF



FFBBFF



FFCE7F

# Rectangle

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



78F7B4



00F9FF



FFBBFF



FFB8B3

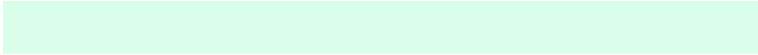


# Sweetspot

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



78F7B4



D9FFEB



BCF778



698073



000000



808080



# Same Dimension

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



78F7B4



61FFAC



78F7F3



6E7A74



00BA58



003B1C



# Inverse Universe

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



F778BB



FF61B4



F7787C



7A6E75



BA0062

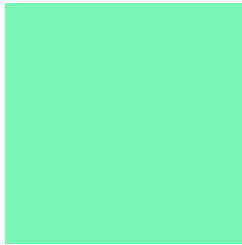


3B001F



# Previews

## White Background



This preview shows how the Hex color 78F7B4 looks on a white background.

## Color Contrast Check

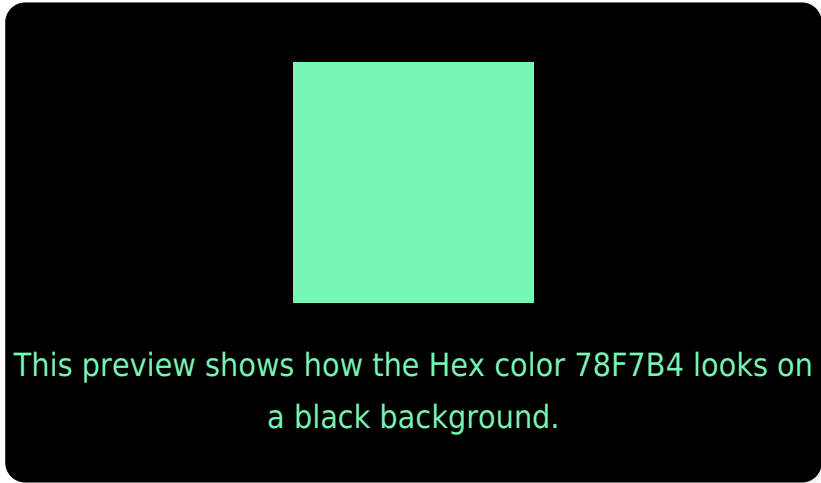
Large Text (above 18pt) WCAG AA × Fail

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

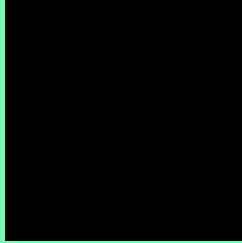
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 78F7B4 Background



This preview shows how black text looks on a background with the Hex color 78F7B4.

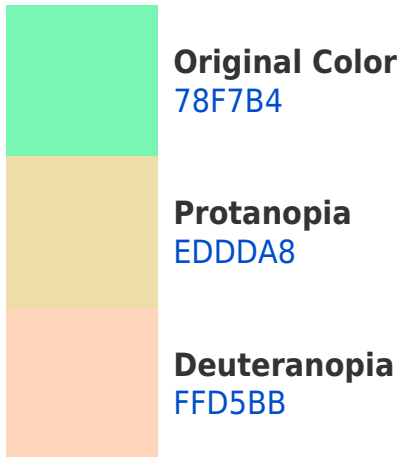


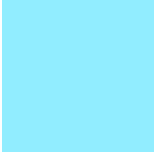
This preview shows how white text looks on a background with the Hex color 78F7B4.

# 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**  
91EDFF

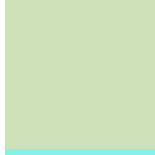
# Trichromacy



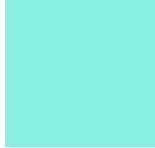
**Original Color**  
78F7B4



**Protanomaly**  
C2E6AC



**Deuteranomaly**  
CEE1B8



**Tritanomaly**  
88F1E4

# Monochromacy



**Original Color**  
78F7B4



**Achromatopsia**  
C9C9C9



**Achromatomaly**  
ACDAC1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78F7B4 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 #78F7B4 looks like.

```
.text, #text, p{  
    color:#78F7B4  
}
```

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 #78F7B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78F7B4
}
```

## Border

The CSS property to change the border of an element to Hex 78F7B4 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
#78F7B4 }
```

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

```
.border{ border-color:#78F7B4 }
```

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

Here you see how a box with a 4 pixel #78F7B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78F7B4; -webkit-box-shadow:4px 4px  
4px 4px #78F7B4; box-shadow:4px 4px 4px  
4px #78F7B4 }
```

# Background

The CSS property to change the background color of an element to Hex 78F7B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78F7B4 }
```

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

```
.background{ background-color:#78F7B4 }
```

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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