

# Converting Colors

Hex(7EFCCA)

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

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# **Color**

**Hex(7EFCCA)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 7EFCCA                       |
| RGB         | 126, 252, 202                |
| RGB Percent | 49%, 99%, 79%                |
| CMY         | 0.5059, 0.0118, 0.2078       |
| CMYK        | 0.50, 0.00, 0.20, 0.01       |
| HSL         | 156°, 95%, 74%               |
| HSV         | 156°, 50%, 99%               |
| XYZ         | 54.0753, 78.3207, 68.1445    |
| YIQ         | 208.6260, -59.0460, -42.2620 |

# Conversions

## Conversions Part 2

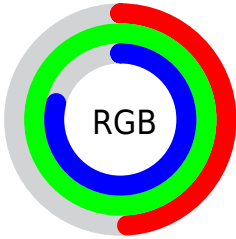
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 126, 205, 252                  |
| Decimal                             | 8322250                        |
| CIELab                              | 90.93, -46.58, 13.28           |
| CIELCh                              | 91, 48.436, 164.087            |
| Yxy                                 | 78.3207, 0.2696,<br>0.3905     |
| Android<br>(android.graphics.Color) | 4286512330<br>(0xFF7EFCCA)     |
| YUV                                 | 208.6260, -3.2666,<br>-72.4630 |
| Hunter-Lab                          | 88.4990, -45.8049,<br>16.2958  |

# Details

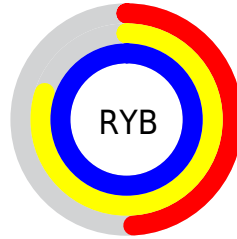
The Hex color **7EFCCA** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FC7EB0**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **B9FFFF**, and **40C394** is the 20% darker color. If you saturate the color by 10%, you get **65FCC0**, and if you desaturate by 10%, it is **97FCD4**.

# Distribution



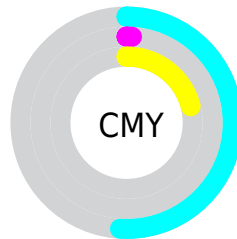
- Red (49%)
- Green (99%)
- Blue (79%)



- Red (49%)
- Yellow (80%)
- Blue (99%)



- Cyan (50%)
- Magenta (0%)
- Yellow (20%)
- Black (1%)



- Cyan (51%)
- Magenta (1%)
- Yellow (21%)

# Brightness & Saturation Gradients

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



 7EFCCA

FFFFFF

 B9FFFF

 D7FFFF

 F5FFFF

 7EFCCA

 60DFAF

 40C394

 13A77A

 008C61

 007249

 005833

 00401D

 002A05

 000600

 7EFCCA

 7EFCCA

 65FCC0

 97FCD4

 4CFCB6

 B0FCDE

 32FCAC

 CAFCE8

 19FCA2

 E3FCF2

 00FC98

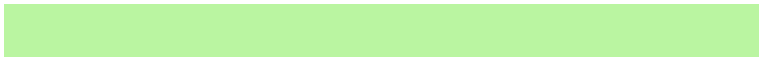
 FCFCFC

 FFFCFF

# Harmonies

## Analogous

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



BAF5A1



7EFCCA



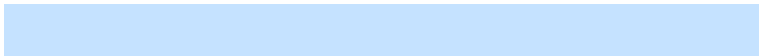
31FEFA

# Triad

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



7EFCCA



C5E2FF



FFCAA6

# Complementary

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



7EFCCA



FC7EB0

# 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.



FFC1D1



7EFCCA



FFD1FF

# Square

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



7EFCCA



73F1FF



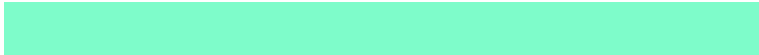
FFC4FF



FFDA8C

# Rectangle

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



7EFCCA



00FCFF



FFC4FF



FFC6B3

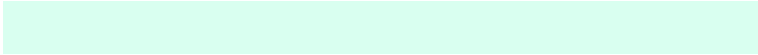


# Sweetspot

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



7EFCCA



D9FFF0



B0FC7E



698076



000000



808080



# Same Dimension

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



7EFCCA



66FFC2



7EEFFC



707D78



00BD72



003D25



# Inverse Universe

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



FC7EB0



FF66A3



FC8B7E



7D7075



BD004B

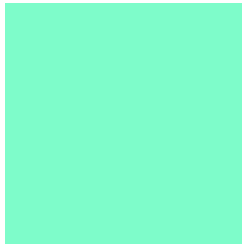


3D0018



# Previews

## White Background



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

## Color Contrast Check

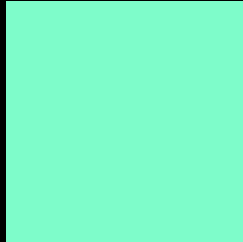
Large Text (above 18pt) WCAG AA × Fail

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 7EFCCA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

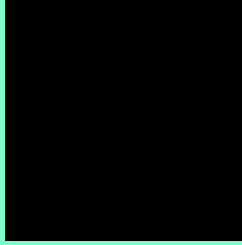
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7EFCCA Background



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

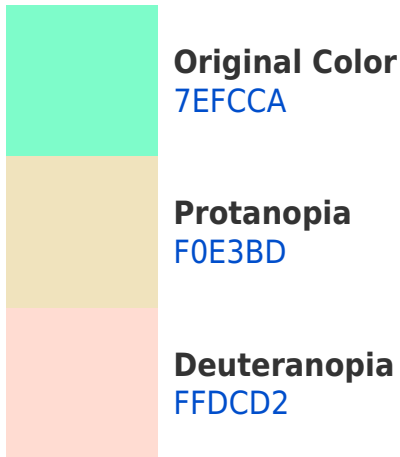


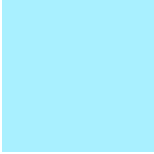
This preview shows how white text looks on a background with the Hex color 7EFCCA.

# 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**  
A9F0FF

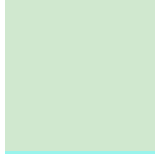
# Trichromacy



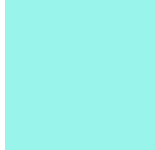
**Original Color**  
7EFCCA



**Protanomaly**  
C7ECC2



**Deuteranomaly**  
D0E8CF

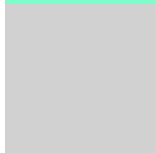


**Tritanomaly**  
99F4EC

# Monochromacy



**Original Color**  
7EFCCA



**Achromatopsia**  
D1D1D1



**Achromatomaly**  
B3E1CE

# CSS Examples

## Text

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

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

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 #7EFCCA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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