

# Converting Colors

Hex(7ECFCA)

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

<b>Hex(7ECFCA)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(7ECFCA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7ECFCA
RGB	126, 207, 202
RGB Percent	49%, 81%, 79%
CMY	0.5059, 0.1882, 0.2078
CMYK	0.39, 0.00, 0.02, 0.19
HSL	176°, 46%, 65%
HSV	176°, 39%, 81%
XYZ	41.5777, 53.3255, 63.9786
YIQ	182.2110, -46.6710, -18.7270

# Conversions

## Conversions Part 2

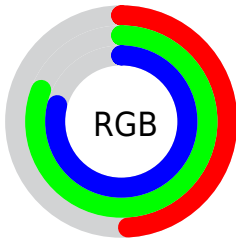
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">126, 168, 207</a>
Decimal	<a href="#">8310730</a>
CIELab	<a href="#">78.07, -25.90, -5.33</a>
CIELCh	<a href="#">78, 26.446, 191.630</a>
Yxy	<a href="#">53.3255, 0.2617, 0.3356</a>
Android (android.graphics.Color)	<a href="#">4286500810 (0xFF7ECFCA)</a>
YUV	<a href="#">182.2110, 9.7560, -49.2970</a>
Hunter-Lab	<a href="#">73.0243, -26.1605, -0.8285</a>

# Details

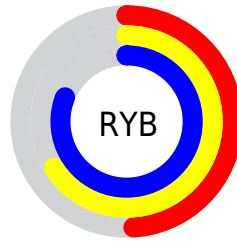
The Hex color **7ECFCA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CF7E83**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **B6FFFF**, and **469894** is the 20% darker color. If you saturate the color by 10%, you get **69CFC9**, and if you desaturate by 10%, it is **93CFCB**.

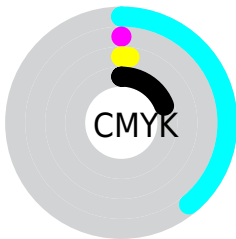
# Distribution



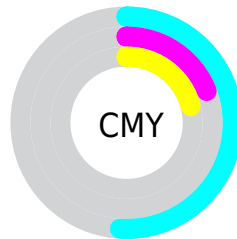
- Red (49%)
- Green (81%)
- Blue (79%)



- Red (49%)
- Yellow (66%)
- Blue (81%)



- Cyan (39%)
- Magenta (0%)
- Yellow (2%)
- Black (19%)



- Cyan (51%)
- Magenta (19%)
- Yellow (21%)

# Brightness & Saturation Gradients

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



 7ECFCA

 7ECFCA

FFFFFF

 62B3AF

 B6FFFF

 469894

 D3FFFF

 297E7A

 F0FFFF

 006561

 004D4A

 003533

 00211E

 000005

 000000

 7ECFCA

 7ECFCA

 69CFC9

 93CFCB

 55CFC7

 A7CFCD

 40CFC6

 BCCFCE

 2BCFC5

 D1CFCF

 17CFC4

 E6CFD0

 02CFC2

 FACFD2

 00CFC2

 FFCFD3

 FFCFD4

 FFCFD6

# Harmonies

## Analogous

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



92CEB1



7ECFCA



7CCDE1

# Triad

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



7ECFCA



D1B8E6



E1BA93

# Complementary

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



7ECFCA



CF7E83

# 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.



F0B3A2



7ECFCA



E8B1D1

# Square

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



7ECFCA



B0C0F1



F3AFB8



C9C391

# Rectangle

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



7ECFCA



87CAEB



F3AFB8



E7B897



# Sweetspot

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



7ECFCA



E0FFFD



83CF7E



6E807E



000000



808080



# Same Dimension

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



7ECFCA



87FFF8



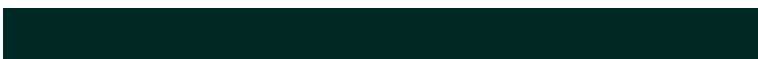
7EACCF



5E6968



00A89E



002926



# Inverse Universe

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



CF7E83



FF878F



CFA17E



695E5F



A8000A

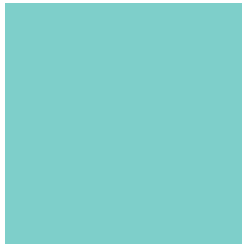


290003



# Previews

## White Background



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

## Color Contrast Check

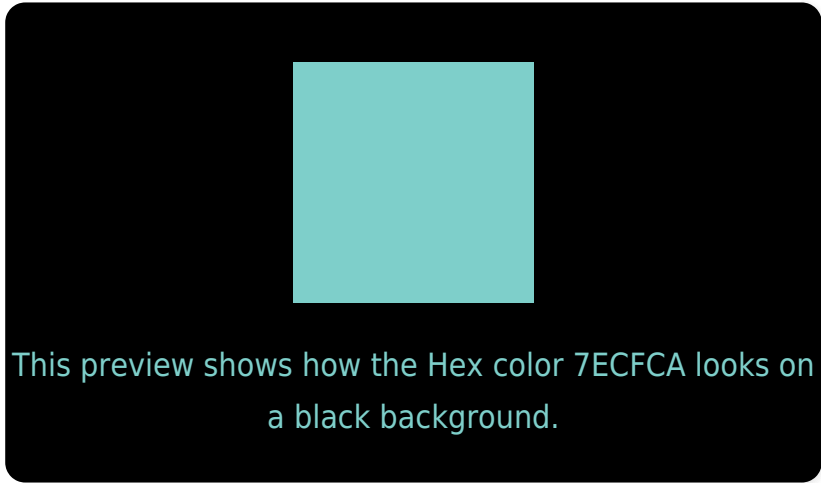
Large Text (above 18pt) WCAG AA × Fail

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

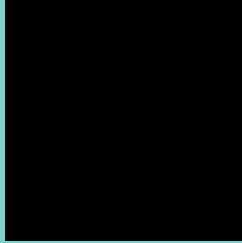
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

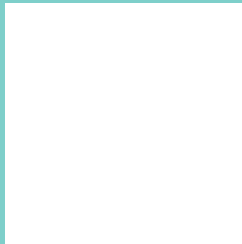
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7ECFCA Background



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

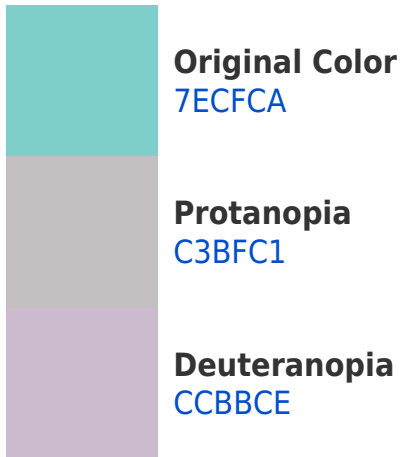


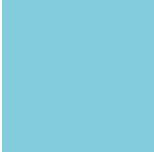
This preview shows how white text looks on a background with the Hex color 7ECFCA.

# 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**  
83CCDD

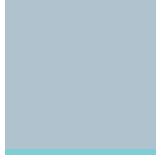
# Trichromacy



**Original Color**  
7ECFCA



**Protanomaly**  
AAC5C4



**Deuteranomaly**  
B0C2CD

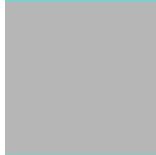


**Tritanomaly**  
81CDD6

# Monochromacy



**Original Color**  
7ECFCA



**Achromatopsia**  
B6B6B6



**Achromatomaly**  
A2BFBD

# CSS Examples

## Text

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

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

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 #7ECFCA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor