

# Converting Colors

Hex(7FFFCC)

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

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# **Color**

**Hex(7FFFCC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FFFCC
RGB	127, 255, 204
RGB Percent	50%, 100%, 80%
CMY	0.5020, 0.0000, 0.2000
CMYK	0.50, 0.00, 0.20, 0.00
HSL	156°, 100%, 75%
HSV	156°, 50%, 100%
XYZ	55.4115, 80.3917, 69.7234
YIQ	210.9140, -59.9170, -42.9970

# Conversions

## Conversions Part 2

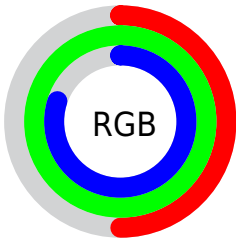
Format	Color
<a href="#">RYB</a>	<a href="#">127, 207, 255</a>
Decimal	<a href="#">8388556</a>
CIELab	<a href="#">91.86, -47.22, 13.58</a>
CIELCh	<a href="#">92, 49.136, 163.956</a>
Yxy	<a href="#">80.3917, 0.2696, 0.3911</a>
Android (android.graphics.Color)	<a href="#">4286578636 (0xFF7FFFCC)</a>
YUV	<a href="#">210.9140, -3.4086, -73.5926</a>
Hunter-Lab	<a href="#">89.6614, -46.5930, 16.6573</a>

# Details

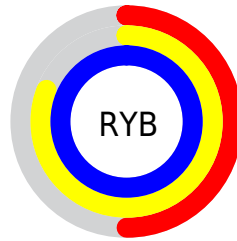
The Hex color **7FFFC** is a light color, and the websafe version is hex **66FFC**. A complement of this color would be **FF7B2**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **BAFFF**, and **40C696** is the 20% darker color. If you saturate the color by 10%, you get **66FFC2**, and if you desaturate by 10%, it is **99FFD6**.

# Distribution



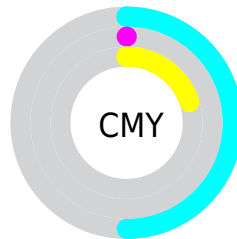
- Red (50%)
- Green (100%)
- Blue (80%)



- Red (50%)
- Yellow (81%)
- Blue (100%)



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



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

# Brightness & Saturation Gradients

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



 7FFFCC

 7FFFCC

FFFFFF

 61E2B1

 BAFFFF

 40C696

 D8FFFF

 14AA7C

 F6FFFF

 008F63

 00744B

 005B34

 00421F

 002C08

 000D00

 7FFFCC

 7FFFCC

 66FFC2

 99FFD6

 4CFFB8

 B2FFE0

 33FFAE

 CCFFEA

 19FFA3

 E5FFF5

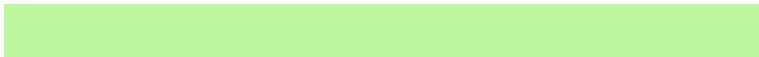
 00FF99

 FFFFFFFF

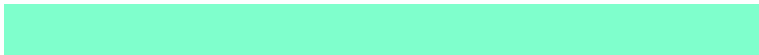
# Harmonies

## Analogous

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



BCF8A2



7FFFCC



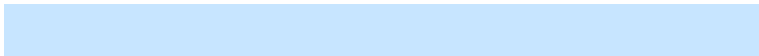
2FFFFD

# Triad

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



7FFFCC



C7E5FF



FFCCA8

# Complementary

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



7FFFCC



FF7FB2

# 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.



FFC3D3



7FFFCC



FFD3FF

# Square

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



7FFFCC



72F4FF



FFC6FF



FFDC8D

# Rectangle

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



7FFFC



00FFF



FFC6FF



FFC8B5

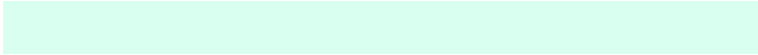


# Sweetspot

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



7FFFCC



D9FFF0



B2FF7F



698076



000000

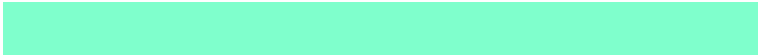


808080

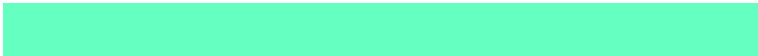


# Same Dimension

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



7FFFC2



66FFC2



7FF2FF



73807A



00BF73



004026



# Inverse Universe

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



FF7FB2



FF66A3



FF8C7F



807378



BF004C

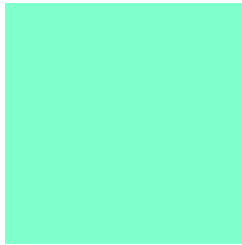


400019



# Previews

## White Background



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

## Color Contrast Check

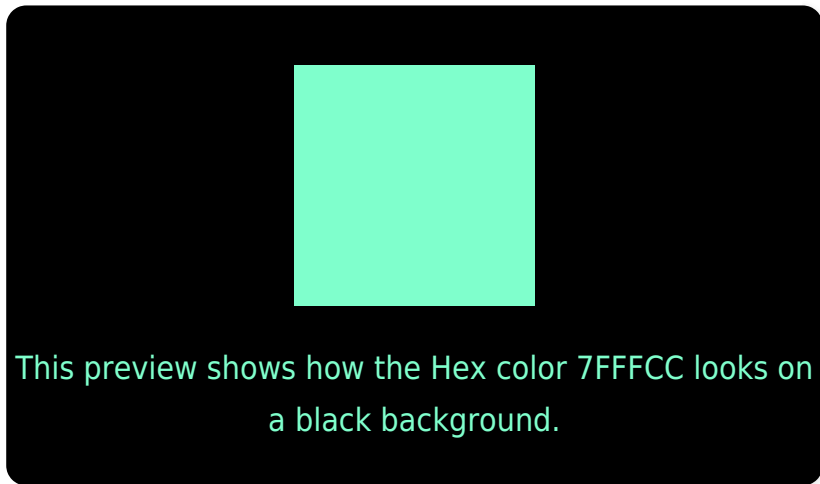
Large Text (above 18pt) WCAG AA × Fail

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

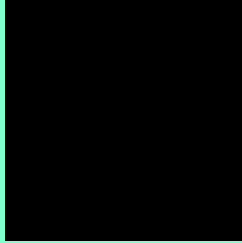
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7FFCCE Background



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

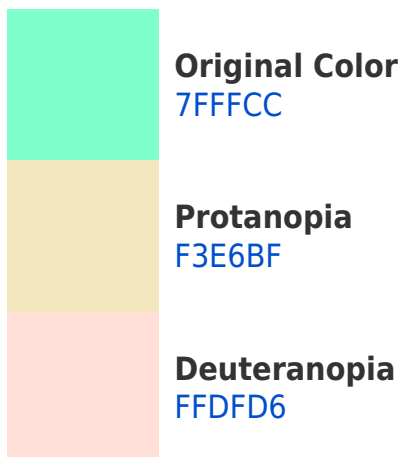


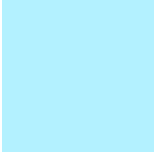
This preview shows how white text looks on a background with the Hex color 7FFCCE.

# 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**  
B3F1FF

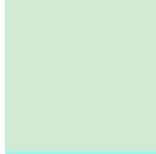
# Trichromacy



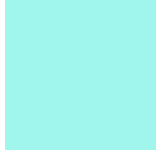
**Original Color**  
7FFFCC



**Protanomaly**  
C9EFC4

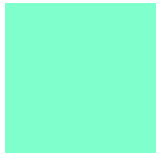


**Deuteranomaly**  
D0EBD2

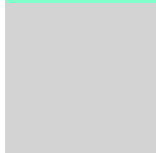


**Tritanomaly**  
A0F6EC

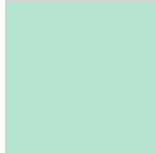
# Monochromacy



**Original Color**  
7FFFCC



**Achromatopsia**  
D3D3D3



**Achromatomaly**  
B4E3D0

# CSS Examples

## Text

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

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

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 #7FFFCC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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