

# Converting Colors

Hex(7FFFC3)

Have a look what the booklet for  
Hex(7FFFC3) contains.

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# **Color**

**Hex(7FFFC3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FFFC3
RGB	127, 255, 195
RGB Percent	50%, 100%, 76%
CMY	0.5020, 0.0000, 0.2353
CMYK	0.50, 0.00, 0.24, 0.00
HSL	152°, 100%, 75%
HSV	152°, 50%, 100%
XYZ	54.3627, 79.9722, 64.2007
YIQ	209.8880, -57.0280, -45.7960

# Conversions

## Conversions Part 2

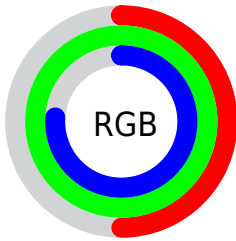
Format	Color
<a href="#">RYB</a>	<a href="#">127, 211, 255</a>
Decimal	<a href="#">8388547</a>
CIELab	<a href="#">91.67, -49.06, 17.93</a>
CIELCh	<a href="#">92, 52.239, 159.923</a>
Yxy	<a href="#">79.9722, 0.2738, 0.4028</a>
Android (android.graphics.Color)	<a href="#">4286578627 (0xFF7FFFC3)</a>
YUV	<a href="#">209.8880, -7.3398, -72.6928</a>
Hunter-Lab	<a href="#">89.4272, -47.9875, 20.0341</a>

# Details

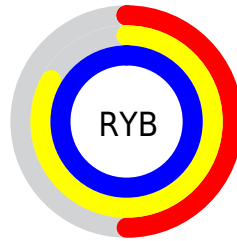
The Hex color **7FFFC3** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF7FBB**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **BAFFFC**, and **40C58D** is the 20% darker color. If you saturate the color by 10%, you get **66FFB7**, and if you desaturate by 10%, it is **99FFCF**.

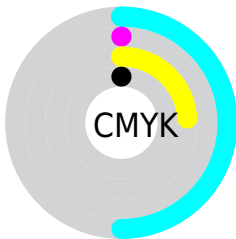
# Distribution



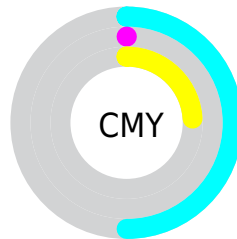
- Red (50%)
- Green (100%)
- Blue (76%)



- Red (50%)
- Yellow (83%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (50%)
- Magenta (0%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FFFC3 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 7FFFC3 by changing the saturation by 10% instead.



 7FFFC3

FFFFFF

 BAFFFC

 D8FFF

 F6FFF

 7FFFC3

 61E2A8

 40C58D

 15AA74

 008F5B

 007443

 005B2C

 004217

 002C00

 000B00

 7FFFC3

 7FFFC3

 66FFB7

 99FFCF

 4CFFAB

 B2FFDB

 33FF9F

 CCFFE7

 19FF93

 E5FFF3

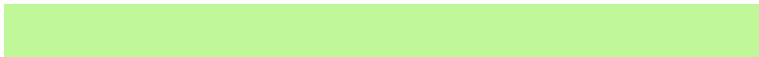
 00FF87

FFFFFF

# Harmonies

## Analogous

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



C0F798



7FFFC3



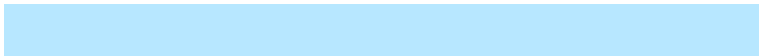
05FFF7

# Triad

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



7FFFC3



B7E7FF



FFC8A9

# Complementary

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



7FFFC3



FF7FBB

# 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.



FFBFD8



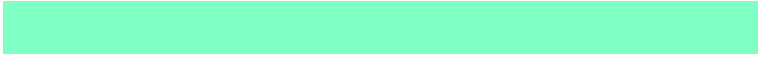
7FFFC3



FFD4FF

# Square

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



7FFFC3



51F6FF



FFC4FF



FFD889

# Rectangle

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



7FFFC3



00FFFF



FFC4FF



FFC4B8

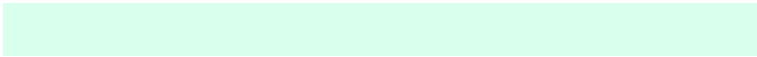


# Sweetspot

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



7FFFC3



D9FFED



BDFF7F



698075



000000

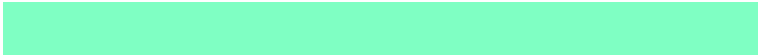


808080



# Same Dimension

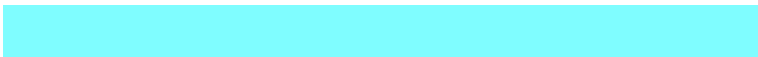
The Same Dimension uses a secret algorithm to generate beautiful new colors.



7FFFC3



66FFB7



7FFDFF



73807A



00BF66



004022



# Inverse Universe

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



FF7FBB



FF66AE



FF817F



807379



BF005A

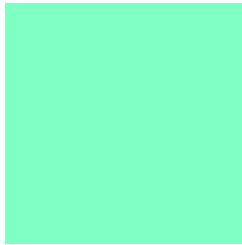


40001E



# Previews

## White Background



This preview shows how the Hex color 7FFFC3 looks on a white background.

## Color Contrast Check

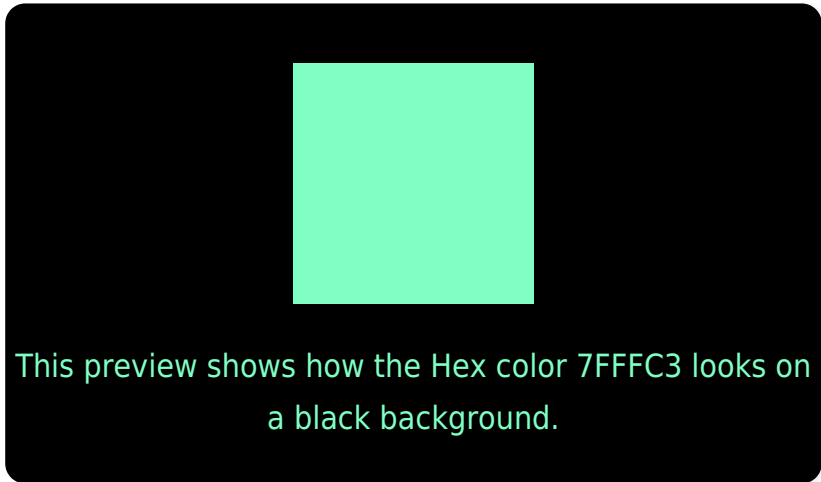
Large Text (above 18pt) WCAG AA × Fail

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

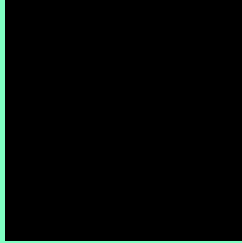
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7FFFC3 Background



This preview shows how black text looks on a background with the Hex color 7FFFC3.

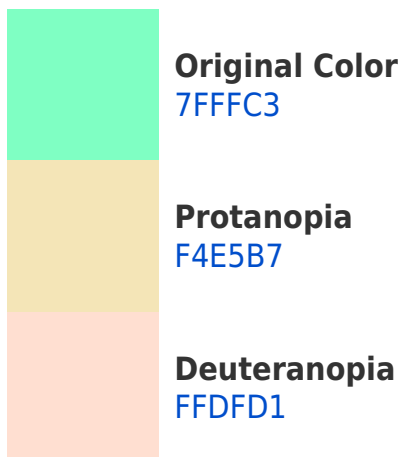


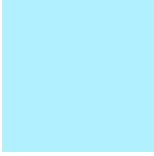
This preview shows how white text looks on a background with the Hex color 7FFFC3.

# 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**  
B1F1FF

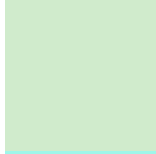
# Trichromacy



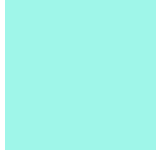
**Original Color**  
7FFFC3



**Protanomaly**  
C9EEBB

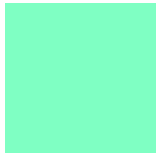


**Deuteranomaly**  
D0EBCC

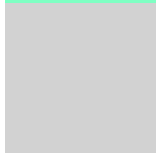


**Tritanomaly**  
9FF6E9

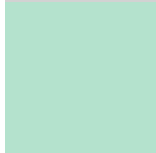
# Monochromacy



**Original Color**  
7FFFC3



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
B4E2CD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FFFC3 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 #7FFFC3 looks like.

```
.text, #text, p{  
    color:#7FFFC3  
}
```

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 #7FFFC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FFFC3
}
```

## Border

The CSS property to change the border of an element to Hex 7FFFC3 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
#7FFFC3 }
```

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

```
.border{ border-color:#7FFFC3 }
```

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

Here you see how a box with a 4 pixel #7FFFC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FFFC3; -webkit-box-shadow:4px 4px  
4px 4px #7FFFC3; box-shadow:4px 4px 4px  
4px #7FFFC3 }
```

# Background

The CSS property to change the background color of an element to Hex 7FFFC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FFFC3 }
```

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

```
.background{ background-color:#7FFFC3 }
```

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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