

# Converting Colors

Hex(7BFFCD)

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

|  |    |
|--|----|
| <b>Hex(7BFFCD)</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(7BFFCD)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 7BFFCD                       |
| RGB         | 123, 255, 205                |
| RGB Percent | 48%, 100%, 80%               |
| CMY         | 0.5176, 0.0000, 0.1961       |
| CMYK        | 0.52, 0.00, 0.20, 0.00       |
| HSL         | 157°, 100%, 74%              |
| HSV         | 157°, 52%, 100%              |
| XYZ         | 54.9478, 80.1387, 70.3299    |
| YIQ         | 209.8320, -62.6220, -43.5340 |

# Conversions

## Conversions Part 2

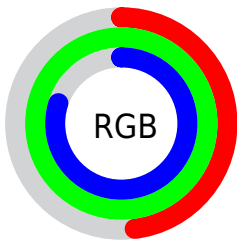
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">123, 204, 255</a>                                |
| Decimal                             | <a href="#">8126413</a>                                      |
| CIELab                              | <a href="#">91.75, -47.90, 12.89</a>                         |
| CIELCh                              | <a href="#">92, 49.605, 164.943</a>                          |
| Yxy                                 | <a href="#">80.1387, 0.2675, 0.3901</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4286316493</a><br>( <a href="#">0xFF7BFFCD</a> ) |
| YUV                                 | <a href="#">209.8320, -2.3822, -76.1517</a>                  |
| Hunter-Lab                          | <a href="#">89.5202, -47.0965, 16.0841</a>                   |

# Details

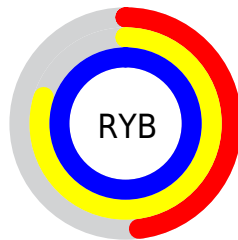
The Hex color **7BFFCD** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF7BAD**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **B7FFFF**, and **3AC597** is the 20% darker color. If you saturate the color by 10%, you get **62FFC3**, and if you desaturate by 10%, it is **95FFD7**.

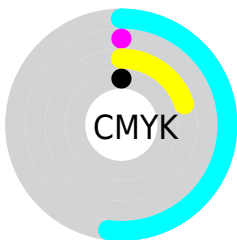
# Distribution



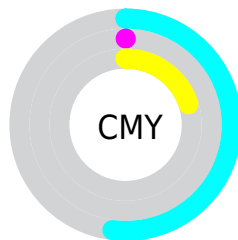
- Red (48%)
- Green (100%)
- Blue (80%)



- Red (48%)
- Yellow (80%)
- Blue (100%)



- Cyan (52%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (52%)
- Magenta (0%)
- Yellow (20%)

# Brightness & Saturation Gradients

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



 7BFFCD

FFFFFF

 B7FFFF

 D5FFFF

 F3FFFF

 7BFFCD

 5CE2B1

 3AC597

 01AA7D

 008F64

 00744C

 005B35

 00421F

 002C09

 000C00

 7BFFCD

 7BFFCD

 62FFC3

 95FFD7

 48FFBA

 AEFFE0

 2FFFB0

 C8FFEA

 15FFA6

 E1FFF4

 00FF9E

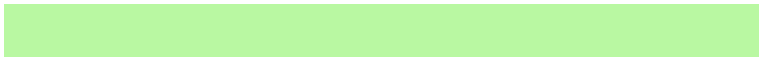
 FBFFFD

FFFFFF

# Harmonies

## Analogous

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



B9F8A2



7BFFCD



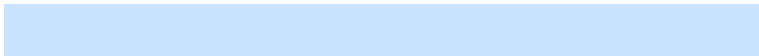
23FFFE

# Triad

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



7BFFCD



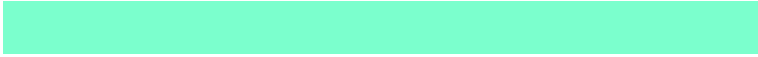
C8E4FF



FFCA6

# Complementary

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



7BFFCD



FF7BAD

# 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.



FFC2D1



7BFFCD



FFD2FF

# Square

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



7BFFCD



73F3FF



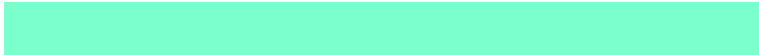
FFC5FF



FFDC8B

# Rectangle

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



7BFFCD



00FFFF



FFC5FF



FFC8B3

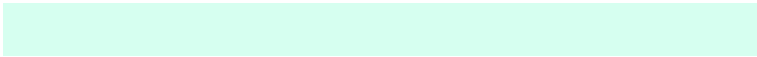


# Sweetspot

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



7BFFCD



D6FFF0



AEFF7B



678076



000000

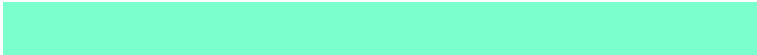


808080



# Same Dimension

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



7BFFCD



61FFC3



7BF0FF



73807B



00BF77



004028



# Inverse Universe

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



FF7BAD



FF619D



FF8A7B



807378



BF0048

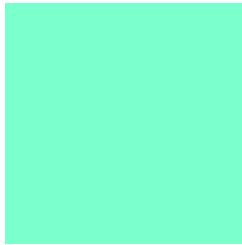


400018



# Previews

## White Background



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

## Color Contrast Check

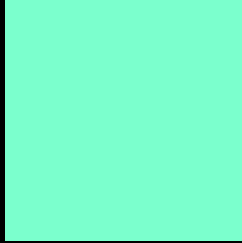
Large Text (above 18pt) WCAG AA × Fail

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 7BFFCD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

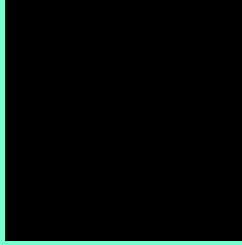
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7BFFCD Background



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

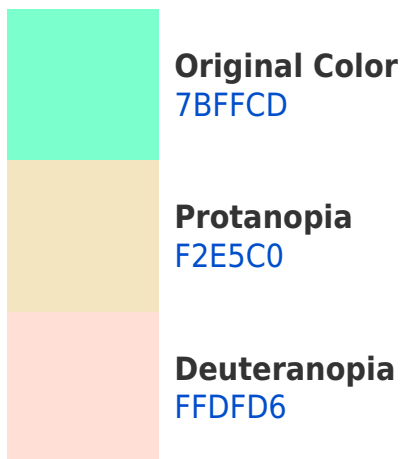


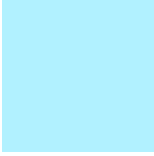
This preview shows how white text looks on a background with the Hex color 7BFFCD.

# 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

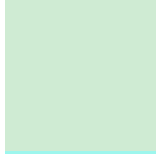
# Trichromacy



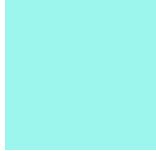
**Original Color**  
7BFFCD



**Protanomaly**  
C7EEC5

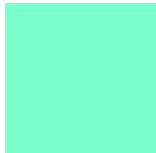


**Deuteranomaly**  
CFEBD3

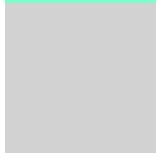


**Tritanomaly**  
9DF6ED

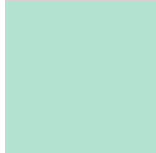
# Monochromacy



**Original Color**  
7BFFCD



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
B2E2D0

# CSS Examples

## Text

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

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

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 #7BFFCD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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