

# Converting Colors

Hex(7CF7BA)

Have a look what the booklet for  
Hex(7CF7BA) contains.

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# Color

**Hex(7CF7BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CF7BA
RGB	124, 247, 186
RGB Percent	49%, 97%, 73%
CMY	0.5137, 0.0314, 0.2706
CMYK	0.50, 0.00, 0.25, 0.03
HSL	150°, 88%, 73%
HSV	150°, 50%, 97%
XYZ	50.4359, 74.3518, 58.1475
YIQ	203.2690, -53.7270, -45.0470

# Conversions

## Conversions Part 2

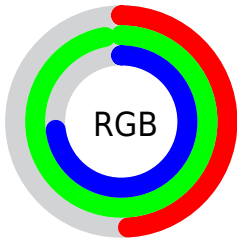
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 206, 247
Decimal	8189882
CIELab	89.09, -48.17, 18.92
CIELCh	89, 51.755, 158.553
Yxy	74.3518, 0.2757, 0.4064
Android (android.graphics.Color)	4286379962 (0xFF7CF7BA)
YUV	203.2690, -8.5136, -69.5189
Hunter-Lab	86.2275, -46.4905, 20.3771

# Details

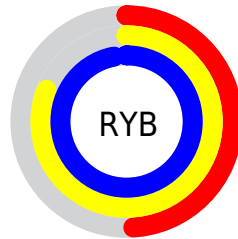
The Hex color **7CF7BA** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F77CB9**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **B7FFF2**, and **3EBE85** is the 20% darker color. If you saturate the color by 10%, you get **63F7AE**, and if you desaturate by 10%, it is **95F7C6**.

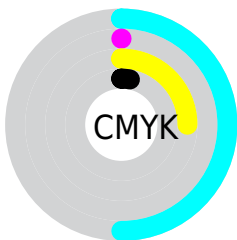
# Distribution



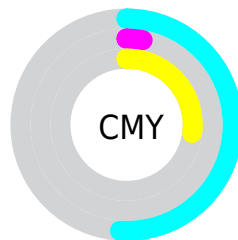
- Red (49%)
- Green (97%)
- Blue (73%)



- Red (49%)
- Yellow (81%)
- Blue (97%)



- Cyan (50%)
- Magenta (0%)
- Yellow (25%)
- Black (3%)



- Cyan (51%)
- Magenta (3%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CF7BA 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 7CF7BA by changing the saturation by 10% instead.



 7CF7BA

 7CF7BA

FFFFFF

 5EDA9F

 B7FFF2

 3EBE85

 D4FFFF

 13A26B

 F2FFFF

 008753

 006D3B

 005425

 003B10

 002600

 000000

 7CF7BA

 7CF7BA

 63F7AE

 95F7C6

 4BF7A2

 ADF7D2

 32F795

 C6F7DF

 19F789

 DFF7EB

 01F77D

 F8F7F7

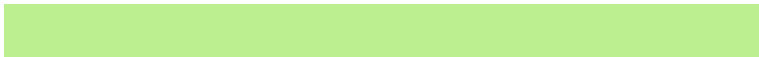
 00F77D

 FFF7FF

# Harmonies

## Analogous

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



BCEF90



7CF7BA



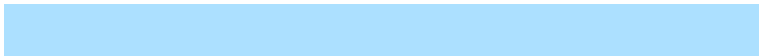
00FAED

# Triad

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



7CF7BA



ACE0FF



FFC0A5

# Complementary

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



7CF7BA



F77CB9

# 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.



FFB8D3



7CF7BA



F7CEFF

# Square

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



7CF7BA



41EFFF



FFBEFF



FFD084

# Rectangle

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



7CF7BA



00F9FF



FFBEFF



FFBCB3

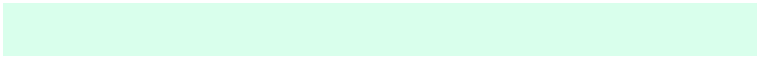


# Sweetspot

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



7CF7BA



D9FFEC



BAF77C



698074



000000



808080



# Same Dimension

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



7CF7BA



66FFB3



7CF7F7



6E7A74



00BA5E



003B1E



# Inverse Universe

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



F77CB9



FF66B2



F77C7C



7A6E74



BA005C

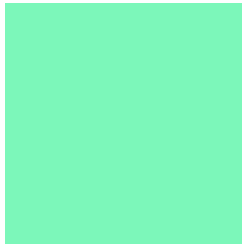


3B001D



# Previews

## White Background



This preview shows how the Hex color 7CF7BA looks on a white background.

## Color Contrast Check

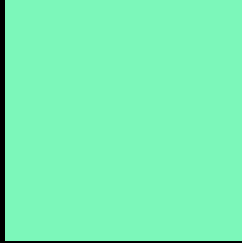
Large Text (above 18pt) WCAG AA × Fail

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 7CF7BA 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 7CF7BA Background



This preview shows how black text looks on a background with the Hex color 7CF7BA.

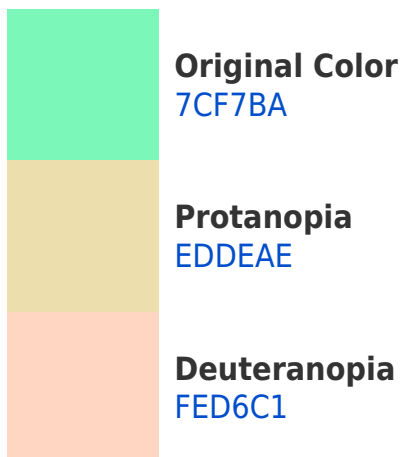


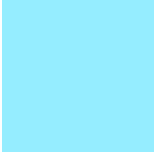
This preview shows how white text looks on a background with the Hex color 7CF7BA.

# 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



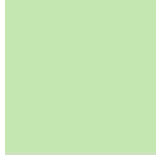


**Tritanopia**  
95EDFF

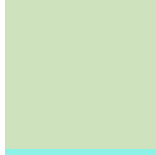
# Trichromacy



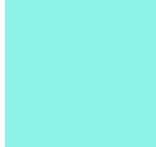
**Original Color**  
7CF7BA



**Protanomaly**  
C4E7B2



**Deuteranomaly**  
CFE2BE

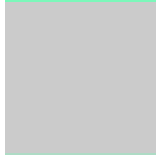


**Tritanomaly**  
8CF1E6

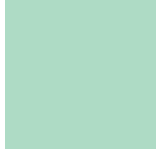
# Monochromacy



**Original Color**  
7CF7BA



**Achromatopsia**  
CBCBCB



**Achromatomaly**  
AEDBC5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CF7BA 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 #7CF7BA looks like.

```
.text, #text, p{  
    color:#7CF7BA  
}
```

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 #7CF7BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CF7BA
}
```

## Border

The CSS property to change the border of an element to Hex 7CF7BA 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
#7CF7BA }
```

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

```
.border{ border-color:#7CF7BA }
```

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

Here you see how a box with a 4 pixel #7CF7BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CF7BA; -webkit-box-shadow:4px 4px  
4px 4px #7CF7BA; box-shadow:4px 4px 4px  
4px #7CF7BA }
```

# Background

The CSS property to change the background color of an element to Hex 7CF7BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CF7BA }
```

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

```
.background{ background-color:#7CF7BA }
```

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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