

# Converting Colors

Hex(77CFC8)

Have a look what the booklet for  
Hex(77CFC8) contains.

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**Color**

**Hex(77CFC8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77CFC8
RGB	119, 207, 200
RGB Percent	47%, 81%, 78%
CMY	0.5333, 0.1882, 0.2157
CMYK	0.43, 0.00, 0.03, 0.19
HSL	175°, 48%, 64%
HSV	175°, 43%, 81%
XYZ	40.3459, 52.7177, 62.6927
YIQ	179.8900, -50.2010, -20.8330

# Conversions

## Conversions Part 2

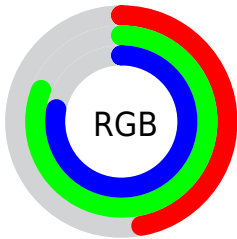
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 165, 207
Decimal	7851976
CIELab	77.71, -28.14, -4.82
CIELCh	78, 28.552, 189.719
Yxy	52.7177, 0.2590, 0.3385
Android (android.graphics.Color)	4286042056 (0xFF77CFC8)
YUV	179.8900, 9.9142, -53.4005
Hunter-Lab	72.6070, -27.8741, -0.3692

# Details

The Hex color **77CFC8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CF777E**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **B0FFFF**, and **3E9892** is the 20% darker color. If you saturate the color by 10%, you get **62CFC6**, and if you desaturate by 10%, it is **8CCFCA**.

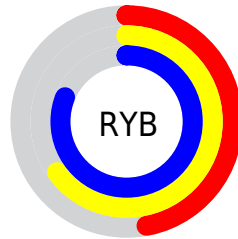
# Distribution



Red (47%)

Green (81%)

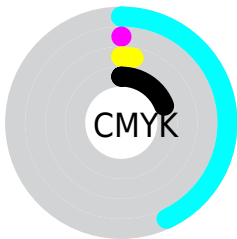
Blue (78%)



Red (47%)

Yellow (65%)

Blue (81%)

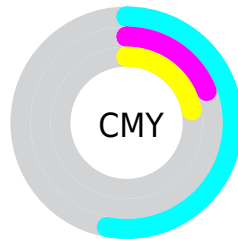


Cyan (43%)

Magenta (0%)

Yellow (3%)

Black (19%)



Cyan (53%)

Magenta (19%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77CFC8 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 77CFC8 by changing the saturation by 10% instead.



 77CFC8

 77CFC8

FFFFFF

 5BB3AD

 B0FFFF

 3E9892

 CCFFFF

 1C7E78

 EAFFFF

 006560

 004C48

 003532

 00211D

 000002

 000000

 77CFC8

 77CFC8

 62CFC6

 8CCFCA

 4ECFC5

 A0CFCB

 39CFC3

 B5CFCD

 24CFC1

 CACFCF

 10CFC0

 DFCFD0

 00CFBF

 F3CFD2

 FFCFD4

 FFCFD5

 FFCFD7

# Harmonies

## Analogous

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



8FCDAD



77CFC8



72CDE1

# Triad

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



77CFC8



CFB6E9



E3B88F

# Complementary

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



77CFC8



CF777E

# 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.



F3B09F



77CFC8



E9AFD3

# Square

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



77CFC8



ABC0F4



F5ADB8



CBC18C

# Rectangle

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



77CFC8



7ECAED



F5ADB8



EAB593



# Sweetspot

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



77CFC8



DEFFFC



7ECF77



6B807E



000000



808080



# Same Dimension

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



77CFC8



7DFFF5



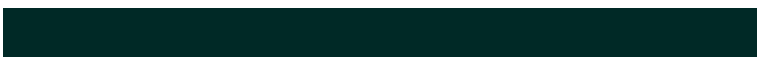
77AACF



5E6968



00A89B



002926



# Inverse Universe

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



CF777E



FF7D87



CF9C77



695E5F



A8000D

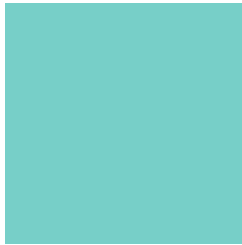


290003



# Previews

## White Background



This preview shows how the Hex color 77CFC8 looks on a white background.

## Color Contrast Check

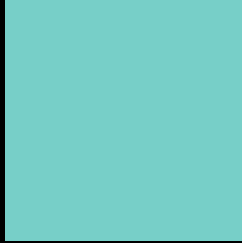
Large Text (above 18pt) WCAG AA × Fail

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 77CFC8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

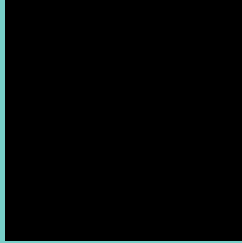
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

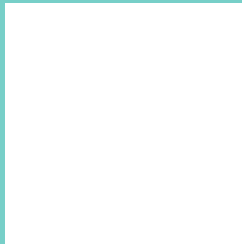
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 77CFC8 Background



This preview shows how black text looks on a background with the Hex color 77CFC8.

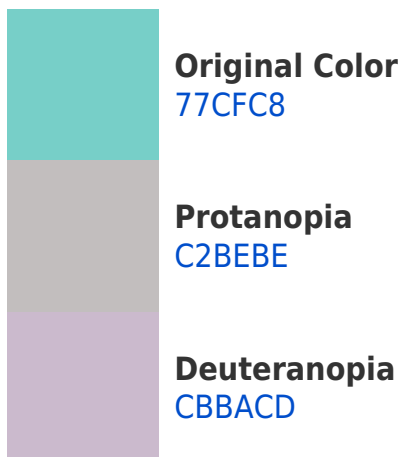


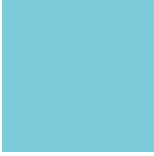
This preview shows how white text looks on a background with the Hex color 77CFC8.

# 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





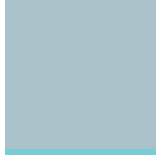
# Trichromacy



**Original Color**  
77CFC8



**Protanomaly**  
A7C4C2



**Deuteranomaly**  
ACC2CB

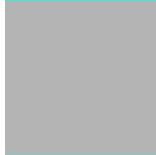


**Tritanomaly**  
7BCDD5

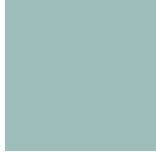
# Monochromacy



**Original Color**  
77CFC8



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
9EBEBB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77CFC8 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 #77CFC8 looks like.

```
.text, #text, p{  
    color:#77CFC8  
}
```

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 #77CFC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77CFC8  
}
```

## Border

The CSS property to change the border of an element to Hex 77CFC8 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  
#77CFC8 }
```

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

```
.border{ border-color:#77CFC8 }
```

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

Here you see how a box with a 4 pixel #77CFC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77CFC8; -webkit-box-shadow:4px 4px  
4px 4px #77CFC8; box-shadow:4px 4px 4px  
4px #77CFC8 }
```

# Background

The CSS property to change the background color of an element to Hex 77CFC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77CFC8 }
```

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

```
.background{ background-color:#77CFC8 }
```

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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