

# Converting Colors

Hex(77F8BE)

Have a look what the booklet for  
Hex(77F8BE) contains.

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# Color

Hex(77F8BE)

# Conversions

## Conversions Part 1

Format	Color
Hex	77F8BE
RGB	119, 248, 190
RGB Percent	47%, 97%, 75%
CMY	0.5333, 0.0275, 0.2549
CMYK	0.52, 0.00, 0.23, 0.03
HSL	153°, 90%, 72%
HSV	153°, 52%, 97%
XYZ	50.4694, 74.7744, 60.4881
YIQ	202.8170, -58.2660, -45.3860

# Conversions

## Conversions Part 2

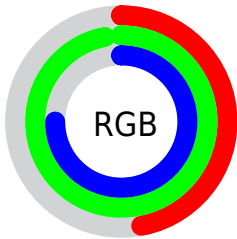
Format	Color
<a href="#">RYB</a>	<a href="#">119, 202, 248</a>
Decimal	<a href="#">7862462</a>
CIELab	<a href="#">89.29, -48.94, 17.12</a>
CIElCh	<a href="#">89, 51.845, 160.721</a>
Yxy	<a href="#">74.7744, 0.2717, 0.4026</a>
Android (android.graphics.Color)	<a href="#">4286052542</a> ( <a href="#">0xFF77F8BE</a> )
YUV	<a href="#">202.8170, -6.3188, -73.5075</a>
Hunter-Lab	<a href="#">86.4722, -47.1451, 19.0567</a>

# Details

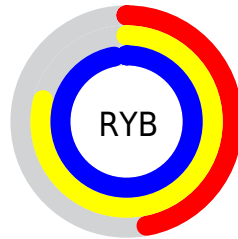
The Hex color **77F8BE** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F877B1**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **B2FFF6**, and **37BF89** is the 20% darker color. If you saturate the color by 10%, you get **5EF8B3**, and if you desaturate by 10%, it is **90F8C9**.

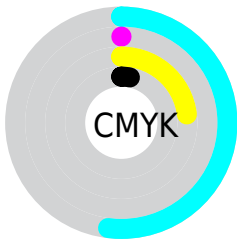
# Distribution



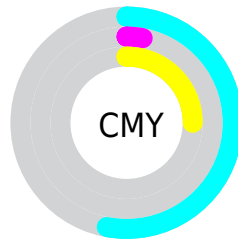
- Red (47%)
- Green (97%)
- Blue (75%)



- Red (47%)
- Yellow (79%)
- Blue (97%)



- Cyan (52%)
- Magenta (0%)
- Yellow (23%)
- Black (3%)



- Cyan (53%)
- Magenta (3%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77F8BE 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 77F8BE by changing the saturation by 10% instead.



 77F8BE

 77F8BE

FFFFFF

 58DBA3

 B2FFF6

 37BF89

 D0FFFF

 00A36F

 EEEFFF

 008856

 006E3F

 005529

 003C13

 002600

 000000

 77F8BE

 77F8BE

 5EF8B3

 90F8C9

 45F8A8

 A9F8D4

 2DF89D

 C1F8DF

 14F891

 DAF8EB

 00F888

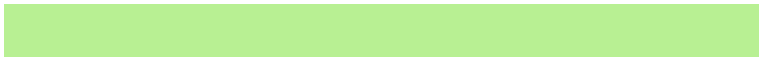
 F3F8F6

 FFF8FF

# Harmonies

## Analogous

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



B8F093



77F8BE



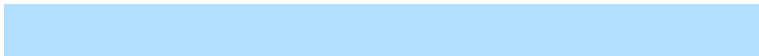
00FAF1

# Triad

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



77F8BE



B3DFFF



FFC2A2

# Complementary

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



77F8BE



F877B1

# 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.



FFB9D0



77F8BE



FCCDFD

# Square

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



77F8BE



4CEEFF



FFBDFD



FFD283

# Rectangle

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



77F8BE



00F9FF



FFBDFD



FFBDB0

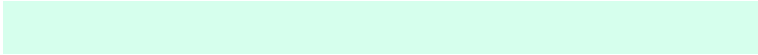


# Sweetspot

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



77F8BE



D6FFED



B1F877



678075



000000



808080



# Same Dimension

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



77F8BE



61FFB8



77F2F8



707D77



00BD68



003D22



# Inverse Universe

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



F877B1



FF61A8



F87D77



7D7076



BD0055

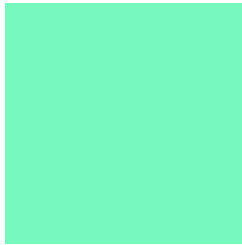


3D001C



# Previews

## White Background



This preview shows how the Hex color 77F8BE looks on a white background.

## Color Contrast Check

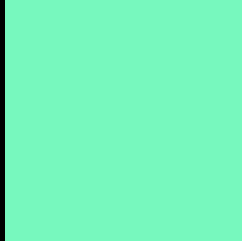
Large Text (above 18pt) WCAG AA × Fail

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 77F8BE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

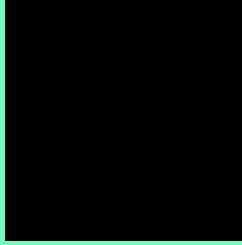
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 77F8BE Background



This preview shows how black text looks on a background with the Hex color 77F8BE.

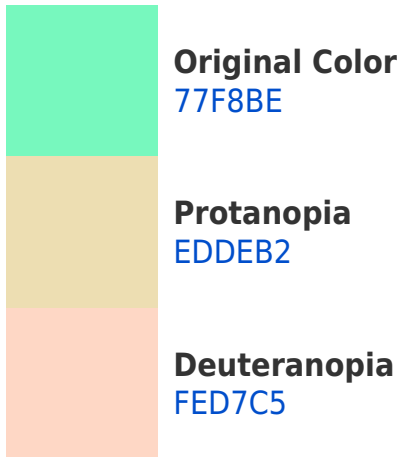


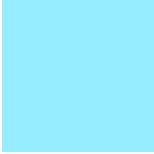
This preview shows how white text looks on a background with the Hex color 77F8BE.

# 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



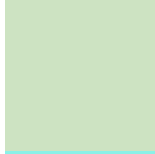
**Original Color**

77F8BE



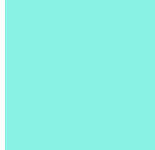
**Protanomaly**

C2E7B6



**Deuteranomaly**

CDE3C2



**Tritanomaly**

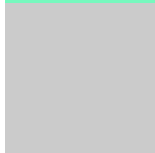
8AF1E7

# Monochromacy



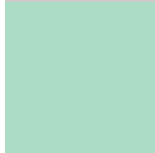
**Original Color**

77F8BE



**Achromatopsia**

CBCBCB



**Achromatomaly**

ACDBC6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77F8BE 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 #77F8BE looks like.

```
.text, #text, p{  
    color:#77F8BE  
}
```

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 #77F8BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77F8BE
}
```

## Border

The CSS property to change the border of an element to Hex 77F8BE 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
#77F8BE }
```

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

```
.border{ border-color:#77F8BE }
```

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

Here you see how a box with a 4 pixel #77F8BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77F8BE; -webkit-box-shadow:4px 4px  
4px 4px #77F8BE; box-shadow:4px 4px 4px  
4px #77F8BE }
```

# Background

The CSS property to change the background color of an element to Hex 77F8BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77F8BE }
```

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

```
.background{ background-color:#77F8BE }
```

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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