

Converting Colors

Hex(77FEBF)

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

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Color

Hex(77FEBF)

Conversions

Conversions Part 1

Format	Color
Hex	77FEBF
RGB	119, 254, 191
RGB Percent	47%, 100%, 75%
CMY	0.5333, 0.0039, 0.2510
CMYK	0.53, 0.00, 0.25, 0.00
HSL	152°, 99%, 73%
HSV	152°, 53%, 100%
XYZ	52.4535, 78.5671, 61.6906
YIQ	206.4530, -60.2370, -48.2130

Conversions

Conversions Part 2

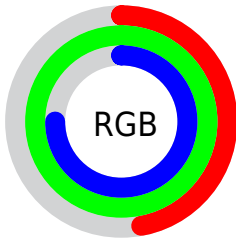
Format	Color
RYB	119, 207, 254
Decimal	7863999
CIELab	91.04, -51.25, 19.05
CIELCh	91, 54.674, 159.604
Yxy	78.5671, 0.2722, 0.4077
Android (android.graphics.Color)	4286054079 (0xFF77FEBF)
YUV	206.4530, -7.6183, -76.6963
Hunter-Lab	88.6381, -49.4854, 20.7819

Details

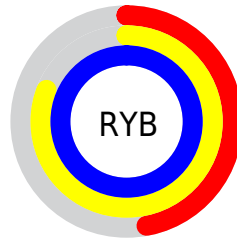
The Hex color **77FEBF** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FE77B6**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **B3FFF7**, and **35C489** is the 20% darker color. If you saturate the color by 10%, you get **5EFEB3**, and if you desaturate by 10%, it is **90FECB**.

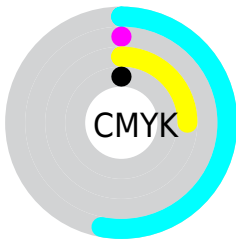
Distribution



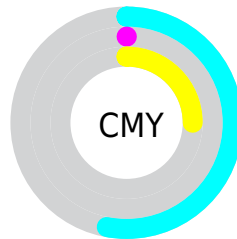
- Red (47%)
- Green (100%)
- Blue (75%)



- Red (47%)
- Yellow (81%)
- Blue (100%)



- Cyan (53%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)



- Cyan (53%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 77FEBF

 77FEBF

FFFFFF

 58E1A4

 B3FFF7

 35C489

 D1FFFF

 00A970

 EFFFFFF

 008D57

 007340

 005929

 004114

 002B00

 000700

 77FEBF

 77FEBF

 5EFEB3


 90FECB

 44FEA7

 AAFED7

 2BFE9B

 C3FEE3

 11FE90

 DDFEEE

 00FE87

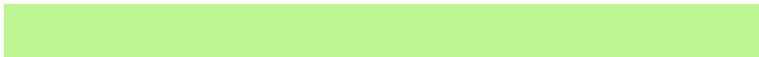
 F6FEFA

FFFEFF

Harmonies

Analogous

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



BDF692



77FEBF



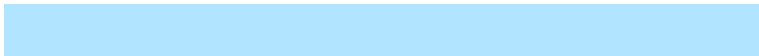
00FFF5

Triad

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



77FEBF



B1E5FF



FFC4A5

Complementary

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



77FEBF



FE77B6

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.



FFBBD6



77FEBF



FFD1FF

Square

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



77FEBF



34F5FF



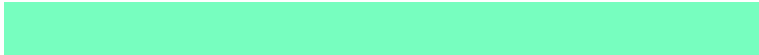
FFC0FF



FFD683

Rectangle

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



77FEBF



00FFFF



FFC0FF



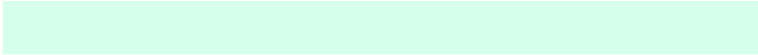
FFC0B4

Sweetspot

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



77FEBF



D6FFEC



B6FE77



678074



000000



808080

Same Dimension

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



77FEBF



5CFFB3



77FAFE



73807A



00BF66



004022

Inverse Universe

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



FE77B6



FF5CA8



FE7C77



807379



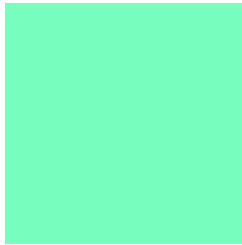
BF0059



40001E

Previews

White Background



This preview shows how the Hex color 77FEBF 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

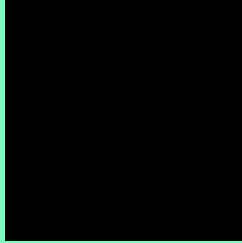
Any Text WCAG AA ✓ Pass

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 77FEBF Background



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

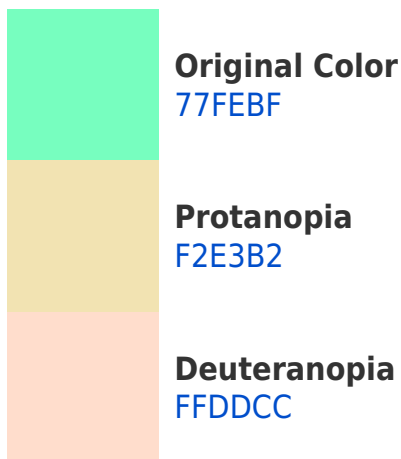


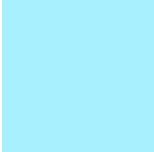
This preview shows how white text looks on a background with the Hex color 77FEBF.

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
A9F0FF

Trichromacy



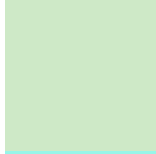
Original Color

77FEBF



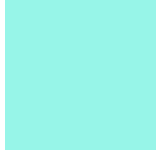
Protanomaly

C5EDB7



Deuteranomaly

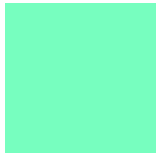
CEE9C7



Tritanomaly

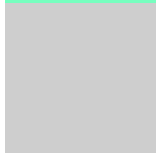
97F5E8

Monochromacy



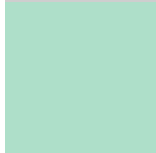
Original Color

77FEBF



Achromatopsia

CECECE



Achromatomaly

AEDFC9

CSS Examples

Text

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

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

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 #77FEBF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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