

Converting Colors

Hex(77F4BA)

Have a look what the booklet for
Hex(77F4BA) contains.

Hex(77F4BA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(77F4BA)

Conversions

Conversions Part 1

Format	Color
Hex	77F4BA
RGB	119, 244, 186
RGB Percent	47%, 96%, 73%
CMY	0.5333, 0.0431, 0.2706
CMYK	0.51, 0.00, 0.24, 0.04
HSL	152°, 85%, 71%
HSV	152°, 51%, 96%
XYZ	48.8214, 72.1685, 57.8111
YIQ	200.0130, -55.8820, -44.5380

Conversions

Conversions Part 2

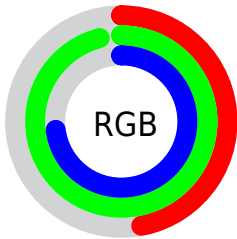
Format	Color
R_{YB}	119, 200, 244
Decimal	7861434
CIE _{Lab}	88.05, -48.06, 17.45
CIE _{LCh}	88, 51.128, 160.048
Yxy	72.1685, 0.2730, 0.4036
Android (android.graphics.Color)	4286051514 (0xFF77F4BA)
YUV	200.0130, -6.9084, -71.0484
Hunter-Lab	84.9520, -46.0833, 19.1187

Details

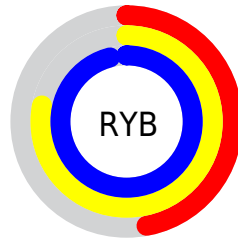
The Hex color **77F4BA** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F477B1**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **B2FFF2**, and **38BB85** is the 20% darker color. If you saturate the color by 10%, you get **5FF4AF**, and if you desaturate by 10%, it is **8FF4C5**.

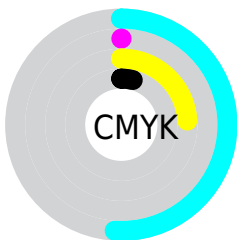
Distribution



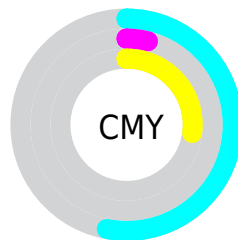
- Red (47%)
- Green (96%)
- Blue (73%)



- Red (47%)
- Yellow (78%)
- Blue (96%)



- Cyan (51%)
- Magenta (0%)
- Yellow (24%)
- Black (4%)



- Cyan (53%)
- Magenta (4%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77F4BA 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 77F4BA by changing the saturation by 10% instead.

 77F4BA

 77F4BA


FFFFFF

 59D79F

 B2FFF2

 38BB85

 D0FFFF

 019F6B

 EEEFFF

 008553

 006B3C

 005125

 003910

 002300

 000000

 77F4BA

 77F4BA

 5FF4AF

 8FF4C5

 46F4A3

 A8F4D1

 2EF498

 C0F4DC

 15F48D

 D9F4E7

 00F483

 F1F4F3

 FFF4FE

 FFF4FF

Harmonies

Analogous

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



B7EC90



77F4BA



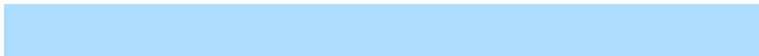
00F7EC

Triad

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



77F4BA



AEDCFF



FFBEA1

Complementary

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



77F4BA



F477B1

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.



FFB6CE



77F4BA



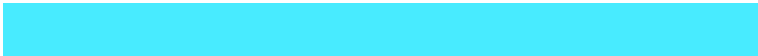
F7CAFF

Square

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



77F4BA



48EBFF



FFBBFF



FFCF82

Rectangle

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



77F4BA



00F5FF



FFBBFF



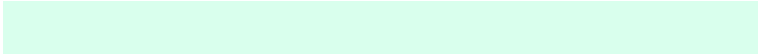
FFBAAF

Sweetspot

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



77F4BA



D9FFED



B1F477



698075



000000



808080

Same Dimension

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



77F4BA



63FFB7



77F0F4



6E7A75



00BA64



003B1F

Inverse Universe

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



F477B1



FF63AC



F47B77



7A6E74



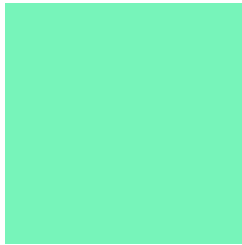
BA0056



3B001B

Previews

White Background



This preview shows how the Hex color 77F4BA looks on a white background.

Color Contrast Check

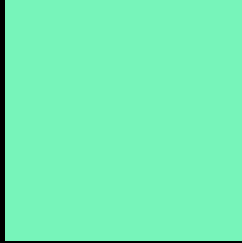
Large Text (above 18pt) WCAG AA × Fail

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 77F4BA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

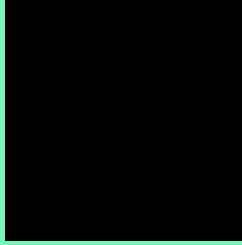
Any Text WCAG AA ✓ Pass

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 77F4BA Background



This preview shows how black text looks on a background with the Hex color 77F4BA.

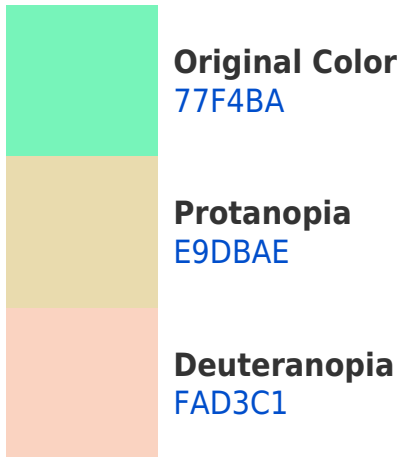


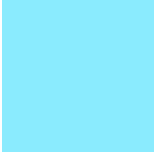
This preview shows how white text looks on a background with the Hex color 77F4BA.

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
8AEBFE

Trichromacy



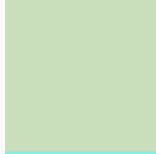
Original Color

77F4BA



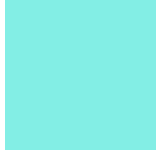
Protanomaly

C0E4B2



Deuteranomaly

CADFBE



Tritanomaly

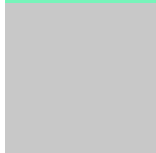
83EEE5

Monochromacy



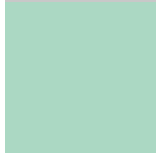
Original Color

77F4BA



Achromatopsia

C8C8C8



Achromatomaly

ABD8C3

CSS Examples

Text

The CSS property to change the color of the text to Hex 77F4BA 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 #77F4BA looks like.

```
.text, #text, p{  
    color:#77F4BA  
}
```

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 #77F4BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77F4BA
}
```

Border

The CSS property to change the border of an element to Hex 77F4BA 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
#77F4BA }
```

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

```
.border{ border-color:#77F4BA }
```

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

Here you see how a box with a 4 pixel #77F4BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77F4BA; -webkit-box-shadow:4px 4px  
4px 4px #77F4BA; box-shadow:4px 4px 4px  
4px #77F4BA }
```

Background

The CSS property to change the background color of an element to Hex 77F4BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77F4BA }
```

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

```
.background{ background-color:#77F4BA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor