

Converting Colors

Hex(78F7C2)

Have a look what the booklet for
Hex(78F7C2) contains.

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Color

Hex(78F7C2)

Conversions

Conversions Part 1

Format	Color
Hex	78F7C2
RGB	120, 247, 194
RGB Percent	47%, 97%, 76%
CMY	0.5294, 0.0314, 0.2392
CMYK	0.51, 0.00, 0.21, 0.03
HSL	155°, 89%, 72%
HSV	155°, 51%, 97%
XYZ	50.7441, 74.4096, 62.7269
YIQ	202.9850, -58.6790, -43.4070

Conversions

Conversions Part 2

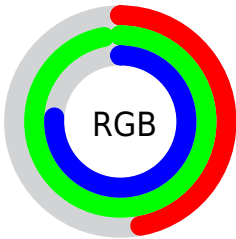
Format	Color
RYB	120, 200, 247
Decimal	7927746
CIELab	89.12, -47.47, 14.82
CIElCh	89, 49.725, 162.662
Yxy	74.4096, 0.2701, 0.3960
Android (android.graphics.Color)	4286117826 (0xFF78F7C2)
YUV	202.9850, -4.4296, -72.7778
Hunter-Lab	86.2610, -45.9520, 17.2685

Details

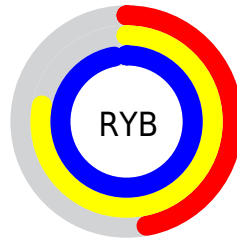
The Hex color **78F7C2** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F778AD**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **B3FFFB**, and **38BE8C** is the 20% darker color. If you saturate the color by 10%, you get **5FF7B8**, and if you desaturate by 10%, it is **91F7CC**.

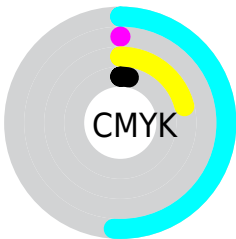
Distribution



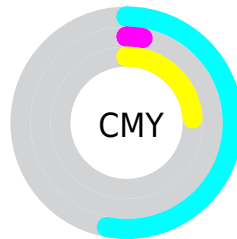
- Red (47%)
- Green (97%)
- Blue (76%)



- Red (47%)
- Yellow (78%)
- Blue (97%)



- Cyan (51%)
- Magenta (0%)
- Yellow (21%)
- Black (3%)



- Cyan (53%)
- Magenta (3%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78F7C2 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 78F7C2 by changing the saturation by 10% instead.

 78F7C2

FFFFFF

 B3FFFB

 D1FFFF

 EFFFFFFF

 78F7C2

 5ADAA7

 38BE8C

 00A273

 00875A

 006D42

 00542C

 003B17

 002600

 000000

 78F7C2

 78F7C2

 5FF7B8

 91F7CC

 47F7AD

 A9F7D7

 2EF7A3

 C2F7E1

 15F799

 DBF7EB

 00F790

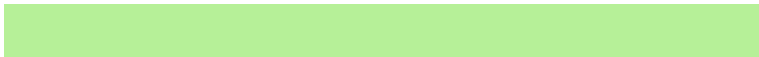
 F4F7F6

 FFF7FF

Harmonies

Analogous

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



B6F098



78F7C2



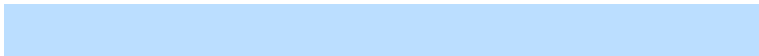
13F9F3

Triad

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



78F7C2



BBDEFF



FFC4A2

Complementary

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



78F7C2



F778AD

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.



FFBACD



78F7C2



FFCCFF

Square

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



78F7C2



61EDFF



FFBEFD



FFD385

Rectangle

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



78F7C2



00F7FF



FFBEFD



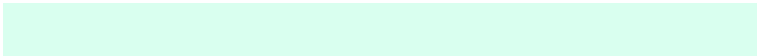
FFBFAF

Sweetspot

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



78F7C2



D9FFEF



AFF778



698076



000000



808080

Same Dimension

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



78F7C2



61FFBD



78EFF7



6E7A75



00BA6C



003B22

Inverse Universe

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



F778AD



FF61A3



F78078



7A6E73



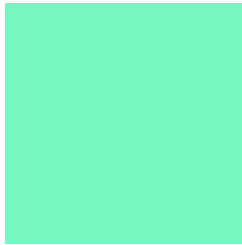
BA004E



3B0018

Previews

White Background



This preview shows how the Hex color 78F7C2 looks on a white background.

Color Contrast Check

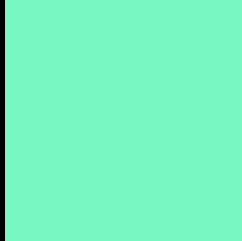
Large Text (above 18pt) WCAG AA × Fail

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 78F7C2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

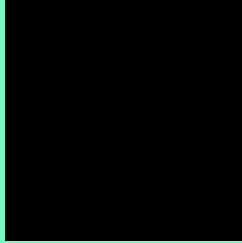
Any Text WCAG AA ✓ Pass

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 78F7C2 Background



This preview shows how black text looks on a background with the Hex color 78F7C2.

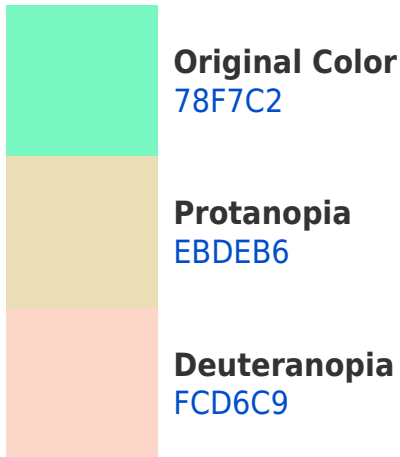


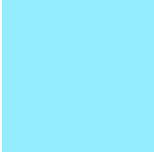
This preview shows how white text looks on a background with the Hex color 78F7C2.

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



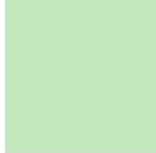


Tritanopia
93EDFF

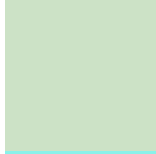
Trichromacy



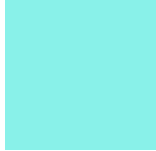
Original Color
78F7C2



Protanomaly
C1E7BA

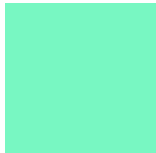


Deuteranomaly
CCE2C6

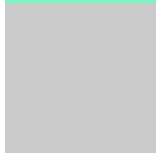


Tritanomaly
89F1E9

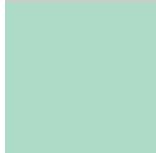
Monochromacy



Original Color
78F7C2



Achromatopsia
CBCBCB



Achromatomaly
ADDBC8

CSS Examples

Text

The CSS property to change the color of the text to Hex 78F7C2 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 #78F7C2 looks like.

```
.text, #text, p{  
    color:#78F7C2  
}
```

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 #78F7C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78F7C2
}
```

Border

The CSS property to change the border of an element to Hex 78F7C2 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
#78F7C2 }
```

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

```
.border{ border-color:#78F7C2 }
```

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

Here you see how a box with a 4 pixel #78F7C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78F7C2; -webkit-box-shadow:4px 4px  
4px 4px #78F7C2; box-shadow:4px 4px 4px  
4px #78F7C2 }
```

Background

The CSS property to change the background color of an element to Hex 78F7C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78F7C2 }
```

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

```
.background{ background-color:#78F7C2 }
```

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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