

Converting Colors

Hex(78CFBB)

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

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Color

Hex(78CFBB)

Conversions

Conversions Part 1

Format	Color
Hex	78CFBB
RGB	120, 207, 187
RGB Percent	47%, 81%, 73%
CMY	0.5294, 0.1882, 0.2667
CMYK	0.42, 0.00, 0.10, 0.19
HSL	166°, 48%, 64%
HSV	166°, 42%, 81%
XYZ	39.0282, 52.2066, 55.0336
YIQ	178.7070, -45.4320, -24.6640

Conversions

Conversions Part 2

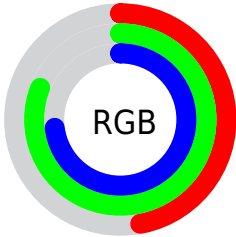
Format	Color
RYB	120, 169, 207
Decimal	7917499
CIELab	77.40, -30.97, 1.73
CIELCh	77, 31.017, 176.806
Yxy	52.2066, 0.2668, 0.3569
Android (android.graphics.Color)	4286107579 (0xFF78CFBB)
YUV	178.7070, 4.0884, -51.4860
Hunter-Lab	72.2541, -30.0276, 5.4186

Details

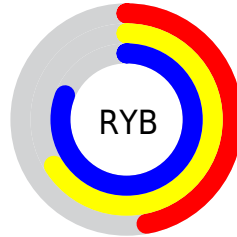
The Hex color **78CFBB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CF788C**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **B0FFF3**, and **409886** is the 20% darker color. If you saturate the color by 10%, you get **63CFB6**, and if you desaturate by 10%, it is **8DCFC0**.

Distribution



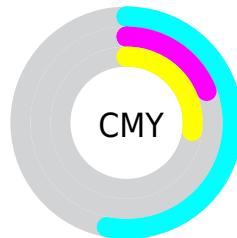
- Red (47%)
- Green (81%)
- Blue (73%)



- Red (47%)
- Yellow (66%)
- Blue (81%)



- Cyan (42%)
- Magenta (0%)
- Yellow (10%)
- Black (19%)



- Cyan (53%)
- Magenta (19%)
- Yellow (27%)

Brightness & Saturation Gradients

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

 78CFBB

 78CFBB

FFFFFF

 5CB3A0

 B0FFF3

 409886

 CDFFFF

 217E6D

 EAFFFF

 006554

 004C3D

 003528

 002113

 000000

 78CFBB

 78CFBB

 63CFB6

 8DCFC0

 4FCFB1

 A1CFC5

 3ACFAD

 B6CFC9

 25CFA8

 CBCFCE

 11CFA3

 DF CFD3

 00CF9F

 F4CFD8

 FFCFDC

 FFCFE1

 FFCFE6

Harmonies

Analogous

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



97CC9F



78CFBB



66CFD8

Triad

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



78CFBB



BFB9F2



EDB390

Complementary

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



78CFBB



CF788C

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.



F9ACA7



78CFBB



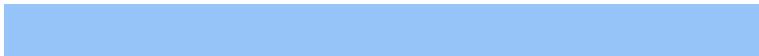
E1AFDF

Square

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



78CFBB



96C3F8



F5AAC3



D7BC86

Rectangle

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



78CFBB



6ACCE8



F5AAC3



F3B097

Sweetspot

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



78CFBB



DEFFF7



8CCF78



6B807B



000000



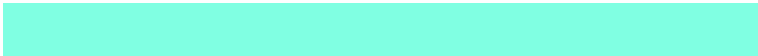
808080

Same Dimension

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



78CFBB



80FFE2



78B8CF



5E6966



00A882



00291F

Inverse Universe

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



CF788C



FF809D



CF8F78



695E60



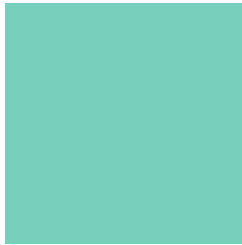
A80027



290009

Previews

White Background



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

Color Contrast Check

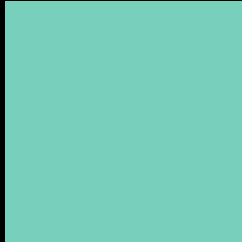
Large Text (above 18pt) WCAG AA × Fail

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 78CFBB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

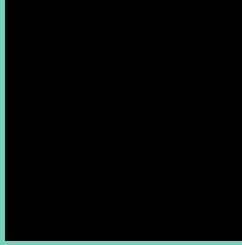
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

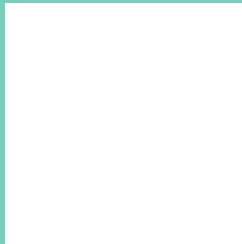
Any Text WCAG AAA ✓ Pass

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

Hex 78CFBB Background



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



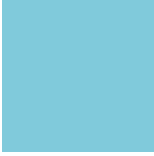
This preview shows how white text looks on a background with the Hex color 78CFBB.

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](#).

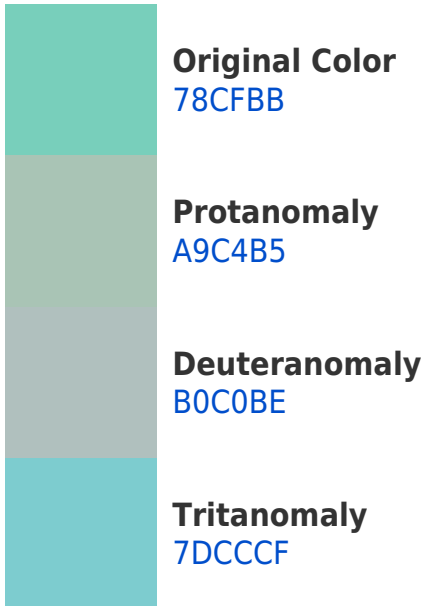
Dichromacy





Tritanopia
80CADB

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #78CFBB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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