

Converting Colors

Hex(78B7CF)

Have a look what the booklet for
Hex(78B7CF) contains.

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Color

Hex(78B7CF)

Conversions

Conversions Part 1

Format	Color
Hex	78B7CF
RGB	120, 183, 207
RGB Percent	47%, 72%, 81%
CMY	0.5294, 0.2824, 0.1882
CMYK	0.42, 0.12, 0.00, 0.19
HSL	197°, 48%, 64%
HSV	197°, 42%, 81%
XYZ	35.9417, 42.3650, 65.3144
YIQ	166.8990, -45.2520, -5.8920

Conversions

Conversions Part 2

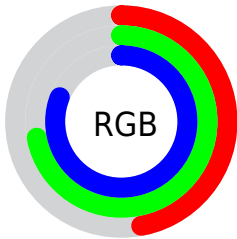
Format	Color
R _Y B	120, 157, 207
Decimal	7911375
CIE Lab	71.12, -13.96, -18.46
CIE LCh	71, 23.145, 232.913
Yxy	42.3650, 0.2503, 0.2950
Android (android.graphics.Color)	4286101455 (0xFF78B7CF)
YUV	166.8990, 19.7698, -41.1304
Hunter-Lab	65.0884, -15.3374, -13.9340

Details

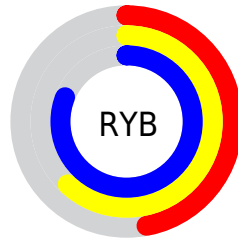
The Hex color **78B7CF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CF9078**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **B0EFFF**, and **418299** is the 20% darker color. If you saturate the color by 10%, you get **63B1CF**, and if you desaturate by 10%, it is **8DBDCF**.

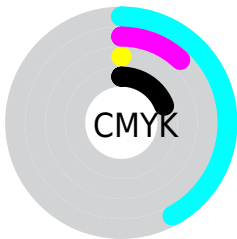
Distribution



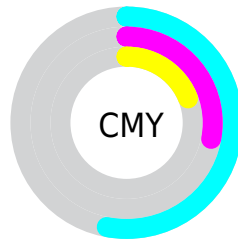
- Red (47%)
- Green (72%)
- Blue (81%)



- Red (47%)
- Yellow (62%)
- Blue (81%)



- Cyan (42%)
- Magenta (12%)
- Yellow (0%)
- Black (19%)



- Cyan (53%)
- Magenta (28%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78B7CF 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 78B7CF by changing the saturation by 10% instead.

 78B7CF

 78B7CF

FFFFFF

 5D9CB3

 B0EFFF

 418299

 CCFFFF

 23697F

 E9FFFF

 005166

 003A4E

 002437

 000A22

 000008

 000000

78B7CF

78B7CF

63B1CF

8DBDCF

4FACCF

A1C2CF

3AA6CF

B6C8CF

25A0CF

CBCECF

119ACF

DFD4CF

0096CF

F4D9CF

FFDFCF

FFE5CF

FFEACF

Harmonies

Analogous

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



73BABE



78B7CF



8EB2D7

Triad

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



78B7CF



D59FB4



ADB287

Complementary

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



78B7CF



CF9078

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.



C3AB85



78B7CF



DAA09F

Square

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



78B7CF



C5A4C8



D3A48D



95B794

Rectangle

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



78B7CF



A1ADD7



D3A48D



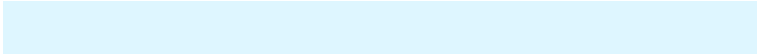
B5B085

Sweetspot

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



78B7CF



DEF6FF



78CF8F



6B7A80



000000



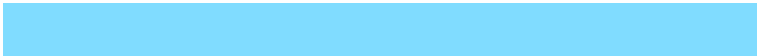
808080

Same Dimension

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



78B7CF



80DCFF



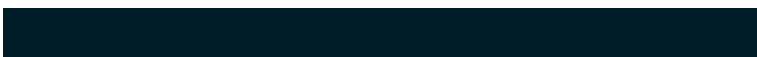
788CCF



5E6669



007AA8



001E29

Inverse Universe

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



CF78B7



FF80DC



CFBB78



695E66



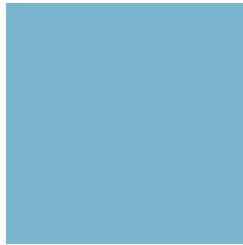
A8007A



29001E

Previews

White Background



This preview shows how the Hex color 78B7CF looks on a white background.

Color Contrast Check

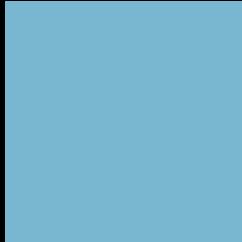
Large Text (above 18pt) WCAG AA × Fail

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 78B7CF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

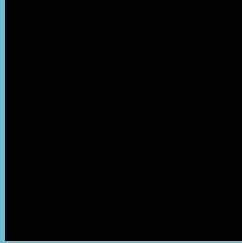
Any Text WCAG AA ✓ Pass

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 78B7CF Background



This preview shows how black text looks on a background with the Hex color 78B7CF.

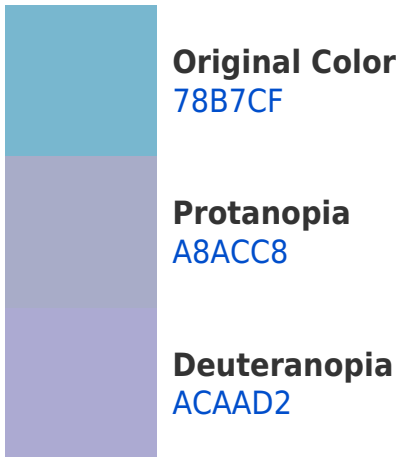


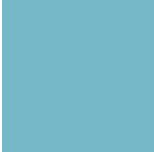
This preview shows how white text looks on a background with the Hex color 78B7CF.

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](#).

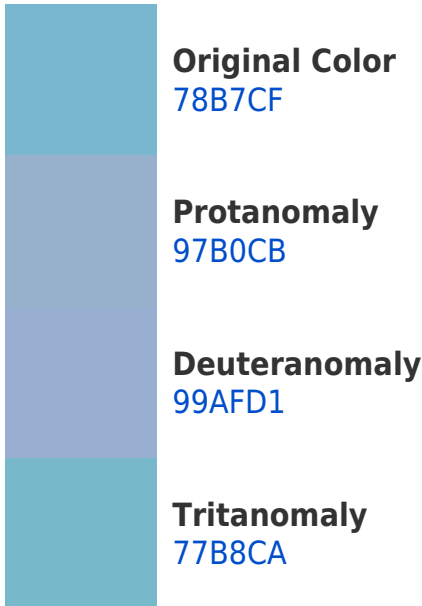
Dichromacy



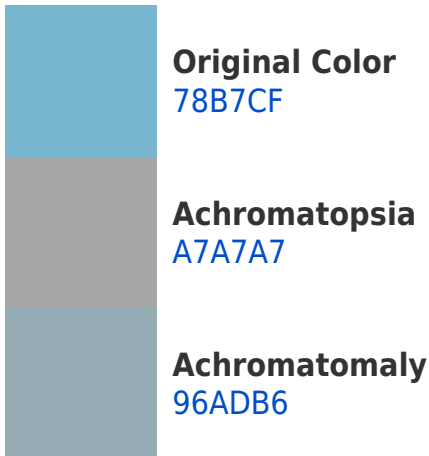


Tritanopia
76B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78B7CF 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 #78B7CF looks like.

```
.text, #text, p{  
    color:#78B7CF  
}
```

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 #78B7CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78B7CF  
}
```

Border

The CSS property to change the border of an element to Hex 78B7CF 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  
#78B7CF }
```

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

```
.border{ border-color:#78B7CF }
```

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

Here you see how a box with a 4 pixel #78B7CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78B7CF; -webkit-box-shadow:4px 4px  
4px 4px #78B7CF; box-shadow:4px 4px 4px  
4px #78B7CF }
```

Background

The CSS property to change the background color of an element to Hex 78B7CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78B7CF }
```

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

```
.background{ background-color:#78B7CF }
```

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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