

Converting Colors

Hex(78C0D7)

Have a look what the booklet for
Hex(78C0D7) contains.

Hex(78C0D7)	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(78C0D7)

Conversions

Conversions Part 1

Format	Color
Hex	78C0D7
RGB	120, 192, 215
RGB Percent	47%, 75%, 84%
CMY	0.5294, 0.2471, 0.1569
CMYK	0.44, 0.11, 0.00, 0.16
HSL	195°, 54%, 66%
HSV	195°, 44%, 84%
XYZ	38.8611, 46.5986, 71.2362
YIQ	173.0940, -50.2950, -8.1110

Conversions

Conversions Part 2

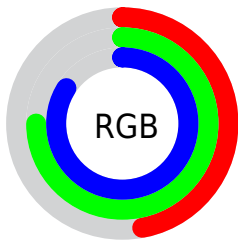
Format	Color
R _{YB}	120, 161, 215
Decimal	7913687
CIE Lab	73.93, -16.54, -18.57
CIE LCh	74, 24.864, 228.315
Yxy	46.5986, 0.2480, 0.2974
Android (android.graphics.Color)	4286103767 (0xFF78C0D7)
YUV	173.0940, 20.6597, -46.5634
Hunter-Lab	68.2632, -17.8435, -14.0880

Details

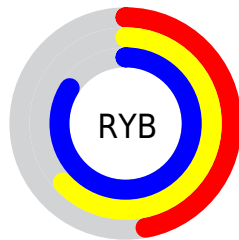
The Hex color **78C0D7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D78F78**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **B0F8FF**, and **3F8AA0** is the 20% darker color. If you saturate the color by 10%, you get **63BBD7**, and if you desaturate by 10%, it is **8EC5D7**.

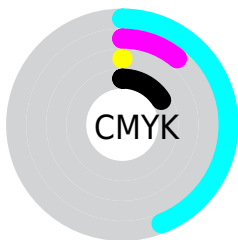
Distribution



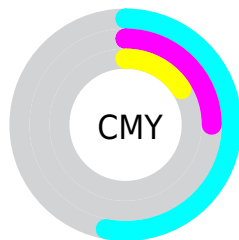
- Red (47%)
- Green (75%)
- Blue (84%)



- Red (47%)
- Yellow (63%)
- Blue (84%)



- Cyan (44%)
- Magenta (11%)
- Yellow (0%)
- Black (16%)



- Cyan (53%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78C0D7 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 78C0D7 by changing the saturation by 10% instead.

 78C0D7

 78C0D7

FFFFFF

 5CA5BB

 B0F8FF

 3F8AA0

 CDFFFF

 1F7186


 EBFFFF

 00586D

 004154

 002B3D

 001827

 000112

 000000

■ 78C0D7

■ 78C0D7

■ 63BBD7

■ 8EC5D7

■ 4DB6D7

■ A3CAD7

■ 37B0D7

■ B9D0D7

■ 22ABD7

■ CED5D7

■ 0CA6D7

■ E4DAD7

■ 00A3D7

■ F9DFD7

■ FFE4D7

■ FFEAD7

■ FFEFD7

Harmonies

Analogous

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



75C3C3



78C0D7



8EBBE2

Triad

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



78C0D7



DEA6C0



B8B98A

Complementary

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



78C0D7



D78F78

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.



CFB189



78C0D7



E5A6A8

Square

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



78C0D7



CAABD4



DFAA95



9EBF97

Rectangle

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



78C0D7



A3B6E3



DFAA95



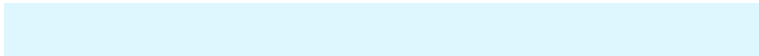
C0B689

Sweetspot

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



78C0D7



DEF7FF



78D78E



6B7B80



000000



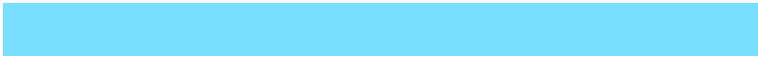
808080

Same Dimension

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



78C0D7



78DEFF



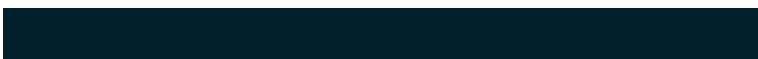
7891D7



60696B



0081AB



00212B

Inverse Universe

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



D778C0



FF78DE



D7BE78



6B6069



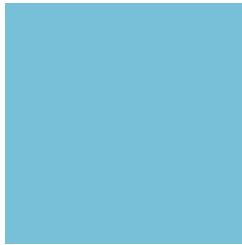
AB0081



2B0021

Previews

White Background



This preview shows how the Hex color 78C0D7 looks on a white background.

Color Contrast Check

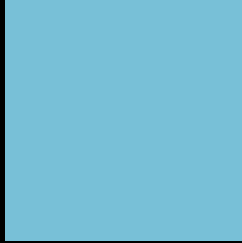
Large Text (above 18pt) WCAG AA × Fail

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 78C0D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

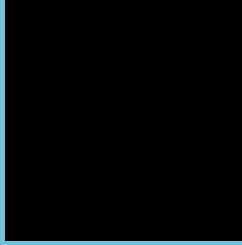
Any Text WCAG AA ✓ Pass

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 78C0D7 Background



This preview shows how black text looks on a background with the Hex color 78C0D7.

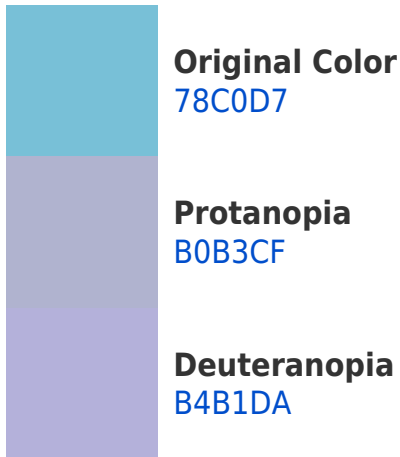


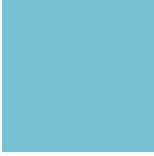
This preview shows how white text looks on a background with the Hex color 78C0D7.

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](#).

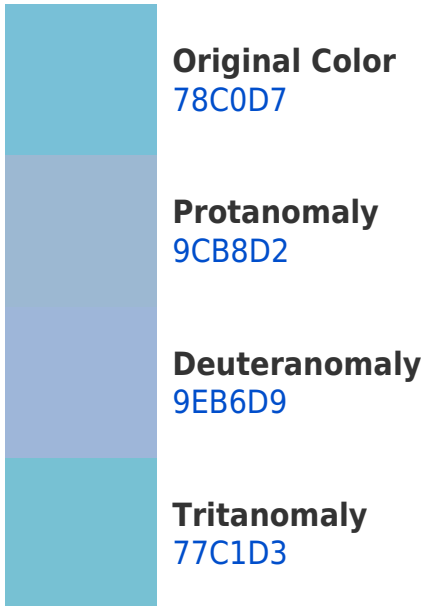
Dichromacy



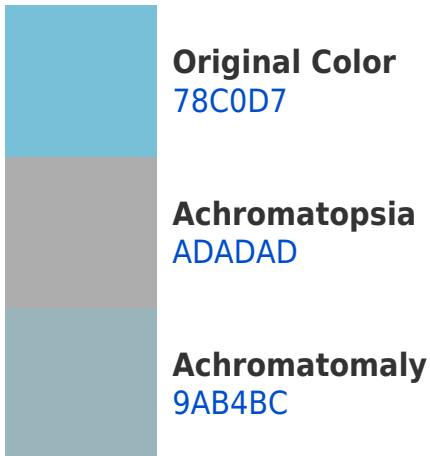


Tritanopia
76C1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78C0D7 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 #78C0D7 looks like.

```
.text, #text, p{  
    color:#78C0D7  
}
```

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 #78C0D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78C0D7
}
```

Border

The CSS property to change the border of an element to Hex 78C0D7 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
#78C0D7 }
```

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

```
.border{ border-color:#78C0D7 }
```

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

Here you see how a box with a 4 pixel #78C0D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78C0D7; -webkit-box-shadow:4px 4px  
4px 4px #78C0D7; box-shadow:4px 4px 4px  
4px #78C0D7 }
```

Background

The CSS property to change the background color of an element to Hex 78C0D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78C0D7 }
```

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

```
.background{ background-color:#78C0D7 }
```

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