

Converting Colors

Hex(78C4D0)

Have a look what the booklet for
Hex(78C4D0) contains.

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Color

Hex(78C4D0)

Conversions

Conversions Part 1

Format	Color
Hex	78C4D0
RGB	120, 196, 208
RGB Percent	47%, 77%, 82%
CMY	0.5294, 0.2314, 0.1843
CMYK	0.42, 0.06, 0.00, 0.18
HSL	188°, 48%, 64%
HSV	188°, 42%, 82%
XYZ	38.8708, 48.0270, 66.8959
YIQ	174.6440, -49.1480, -12.3800

Conversions

Conversions Part 2

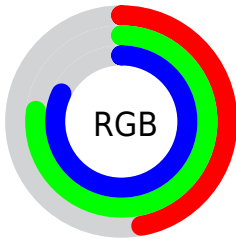
Format	Color
RYB	120, 161, 208
Decimal	7914704
CIELab	74.84, -20.43, -13.40
CIElCh	75, 24.428, 213.267
Yxy	48.0270, 0.2527, 0.3123
Android (android.graphics.Color)	4286104784 (0xFF78C4D0)
YUV	174.6440, 16.4445, -47.9228
Hunter-Lab	69.3015, -21.1580, -8.7209

Details

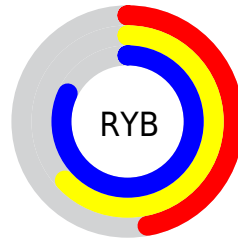
The Hex color **78C4D0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D08478**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **B0FDFF**, and **408E9A** is the 20% darker color. If you saturate the color by 10%, you get **63C1D0**, and if you desaturate by 10%, it is **8DC7D0**.

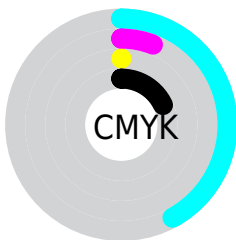
Distribution



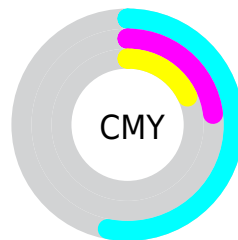
- Red (47%)
- Green (77%)
- Blue (82%)



- Red (47%)
- Yellow (63%)
- Blue (82%)



- Cyan (42%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (53%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78C4D0 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 78C4D0 by changing the saturation by 10% instead.

 78C4D0

 78C4D0

FFFFFF

 5CA9B4

 B0FDFD

 408E9A

 CDFDFD

 207480

 EAFFFF

 005C67

 00444F

 002D38

 001A22

 00000B

 000000

 78C4D0

 78C4D0

 63C1D0

 8DC7D0

 4EBED0

 A2CAD0

 3ABB00

 B6CDD0

 25B9D0

 CBCFD0

 10B6D0

 E0D2D0

 00B4D0

 F5D5D0

 FFD8D0

 FFD8D0

 FFDE00

Harmonies

Analogous

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



7FC5BA



78C4D0



85C0E0

Triad

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



78C4D0



D7ABCD



C7B78B

Complementary

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



78C4D0



D08478

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.



DAB091



78C4D0



E5A8B6

Square

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



78C4D0



BFB2DE



E5AAA1



AEBE92

Rectangle

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



78C4D0



96BCE4



E5AAA1



CEB58C

Sweetspot

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



78C4D0



DEFAFF



78D084



6B7D80



000000



808080

Same Dimension

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



78C4D0



7DEDFF



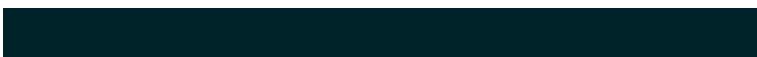
7898D0



5E6769



0091A8



002329

Inverse Universe

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



D078C4



FF7DED



D0B078



695E67



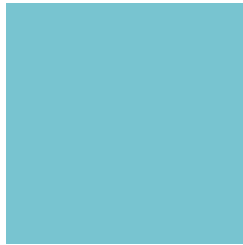
A80091



290023

Previews

White Background



This preview shows how the Hex color 78C4D0 looks on a white background.

Color Contrast Check

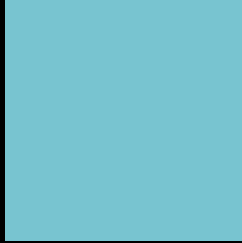
Large Text (above 18pt) WCAG AA × Fail

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 78C4D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

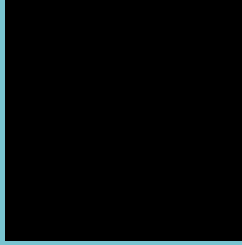
Any Text WCAG AA ✓ Pass

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 78C4D0 Background



This preview shows how black text looks on a background with the Hex color 78C4D0.



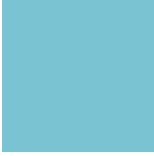
This preview shows how white text looks on a background with the Hex color 78C4D0.

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](#).

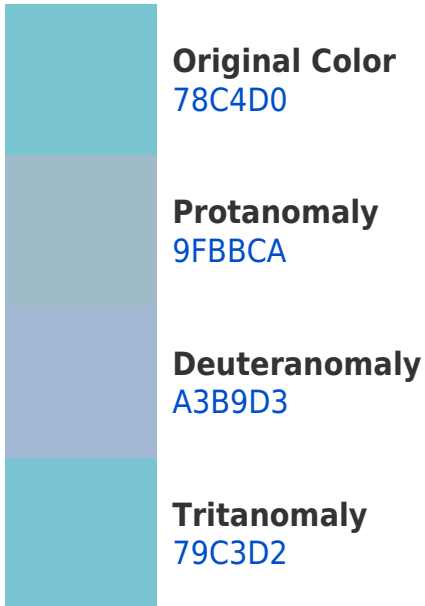
Dichromacy



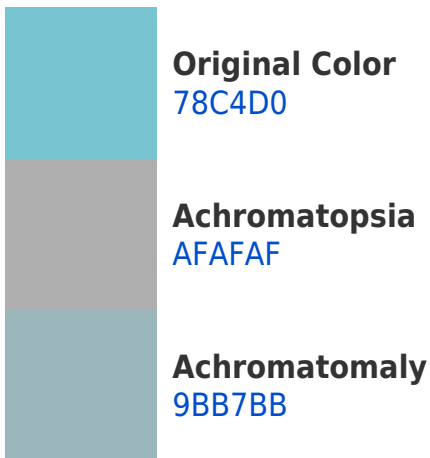


Tritanopia
79C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78C4D0 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 #78C4D0 looks like.

```
.text, #text, p{  
    color:#78C4D0  
}
```

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 #78C4D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78C4D0
}
```

Border

The CSS property to change the border of an element to Hex 78C4D0 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
#78C4D0 }
```

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

```
.border{ border-color:#78C4D0 }
```

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

Here you see how a box with a 4 pixel #78C4D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78C4D0; -webkit-box-shadow:4px 4px  
4px 4px #78C4D0; box-shadow:4px 4px 4px  
4px #78C4D0 }
```

Background

The CSS property to change the background color of an element to Hex 78C4D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78C4D0 }
```

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

```
.background{ background-color:#78C4D0 }
```

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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