

Converting Colors

Hex(76C1CE)

Have a look what the booklet for
Hex(76C1CE) contains.

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Color

Hex(76C1CE)

Conversions

Conversions Part 1

Format	Color
Hex	76C1CE
RGB	118, 193, 206
RGB Percent	46%, 76%, 81%
CMY	0.5373, 0.2431, 0.1922
CMYK	0.43, 0.06, 0.00, 0.19
HSL	189°, 47%, 64%
HSV	189°, 43%, 81%
XYZ	37.6818, 46.4477, 65.3718
YIQ	172.0570, -48.8730, -11.8570

Conversions

Conversions Part 2

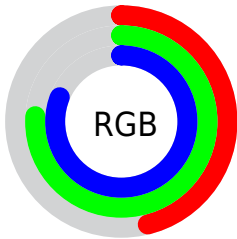
Format	Color
RYB	118, 158, 206
Decimal	7782862
CIELab	73.84, -19.91, -13.83
CIElCh	74, 24.244, 214.795
Yxy	46.4477, 0.2520, 0.3107
Android (android.graphics.Color)	4285972942 (0xFF76C1CE)
YUV	172.0570, 16.7339, -47.4080
Hunter-Lab	68.1526, -20.5738, -9.1640

Details

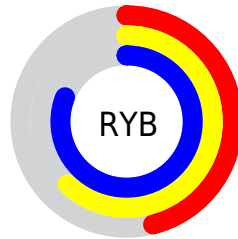
The Hex color **76C1CE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CE8376**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **AEFAFF**, and **3E8B98** is the 20% darker color. If you saturate the color by 10%, you get **61BECE**, and if you desaturate by 10%, it is **8BC4CE**.

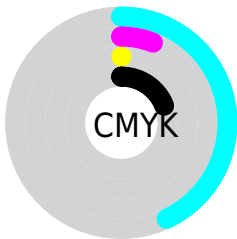
Distribution



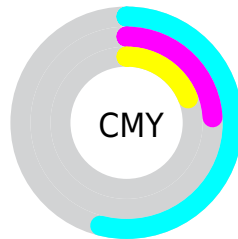
- Red (46%)
- Green (76%)
- Blue (81%)



- Red (46%)
- Yellow (62%)
- Blue (81%)



- Cyan (43%)
- Magenta (6%)
- Yellow (0%)
- Black (19%)



- Cyan (54%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76C1CE 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 76C1CE by changing the saturation by 10% instead.

 76C1CE

 76C1CE

FFFFFF

 5AA6B3

 AEFAFF

 3E8B98

 CBFFFF

 1D727E

 E8FFFF

 005965

 00414D

 002B36

 001721

 000008

 000000

 76C1CE

 76C1CE

 61BECE

 8BC4CE

 4DBBCE

 9FC7CE

 38B8CE

 B4CACE

 24B5CE

 C8CDCE

 0FB2CE

 DDD0CE

 00B0CE

 F2D3CE

 FFD6CE

 FFD9CE

 FFDCCCE

Harmonies

Analogous

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



7CC2B8



76C1CE



84BDDD

Triad

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



76C1CE



D5A8C9



C3B589

Complementary

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



76C1CE



CE8376

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.



D6AE8E



76C1CE



E2A5B3

Square

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



76C1CE



BEAFDA



E2A89D



AABC91

Rectangle

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



76C1CE



96B9E1



E2A89D



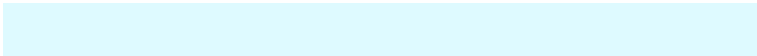
CAB389

Sweetspot

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



76C1CE



DEFAFF



76CE82



6B7C80



000000



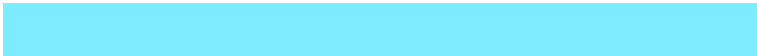
808080

Same Dimension

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



76C1CE



7DECFE



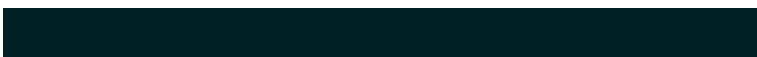
7696CE



5C6466



008DA6



002126

Inverse Universe

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



CE76C1



FF7DEC



CEAE76



665C64



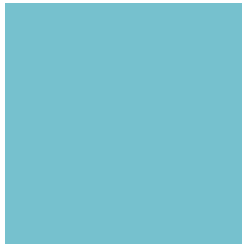
A6008D



260021

Previews

White Background



This preview shows how the Hex color 76C1CE looks on a white background.

Color Contrast Check

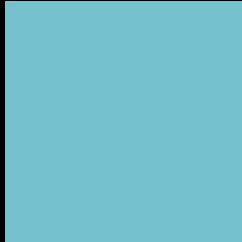
Large Text (above 18pt) WCAG AA × Fail

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 76C1CE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

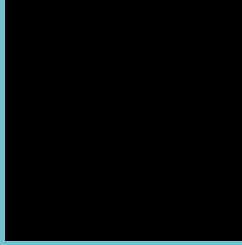
Any Text WCAG AA ✓ Pass

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 76C1CE Background



This preview shows how black text looks on a background with the Hex color 76C1CE.



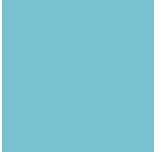
This preview shows how white text looks on a background with the Hex color 76C1CE.

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](#).

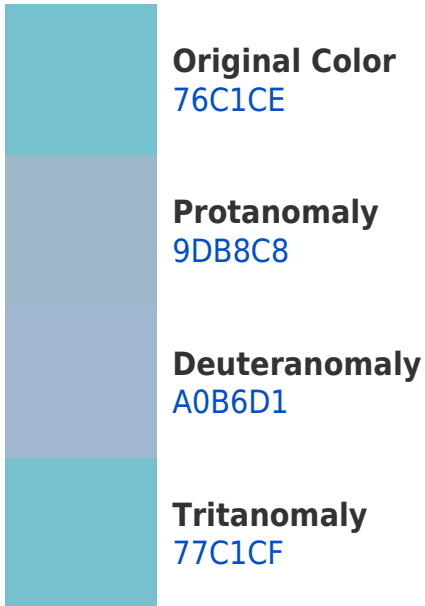
Dichromacy



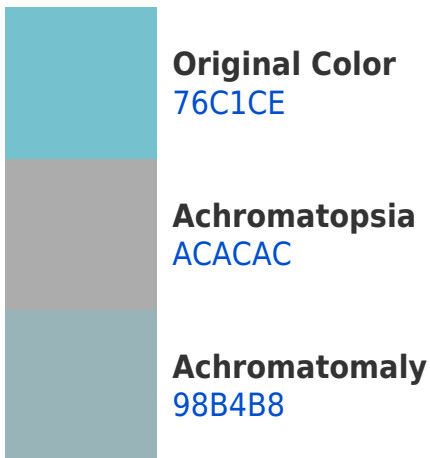


Tritanopia
77C1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76C1CE 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 #76C1CE looks like.

```
.text, #text, p{  
    color:#76C1CE  
}
```

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 #76C1CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76C1CE
}
```

Border

The CSS property to change the border of an element to Hex 76C1CE 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
#76C1CE }
```

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

```
.border{ border-color:#76C1CE }
```

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

Here you see how a box with a 4 pixel #76C1CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76C1CE; -webkit-box-shadow:4px 4px  
4px 4px #76C1CE; box-shadow:4px 4px 4px  
4px #76C1CE }
```

Background

The CSS property to change the background color of an element to Hex 76C1CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76C1CE }
```

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

```
.background{ background-color:#76C1CE }
```

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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