

Converting Colors

Hex(70D1CC)

Have a look what the booklet for
Hex(70D1CC) contains.

Hex(70D1CC)	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(70D1CC)

Conversions

Conversions Part 1

Format	Color
Hex	70D1CC
RGB	112, 209, 204
RGB Percent	44%, 82%, 80%
CMY	0.5608, 0.1804, 0.2000
CMYK	0.46, 0.00, 0.02, 0.18
HSL	177°, 51%, 63%
HSV	177°, 46%, 82%
XYZ	40.3816, 53.4053, 65.3067
YIQ	179.4270, -56.2070, -22.1190

Conversions

Conversions Part 2

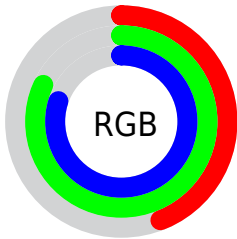
Format	Color
RYB	112, 162, 209
Decimal	7393740
CIELab	78.11, -29.78, -6.40
CIELCh	78, 30.460, 192.132
Yxy	53.4053, 0.2538, 0.3357
Android (android.graphics.Color)	4285583820 (0xFF70D1CC)
YUV	179.4270, 12.1145, -59.1335
Hunter-Lab	73.0789, -29.2534, -1.8290

Details

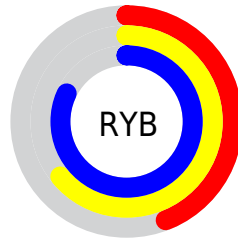
The Hex color **70D1CC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D17075**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **A9FFFF**, and **349A96** is the 20% darker color. If you saturate the color by 10%, you get **5BD1CB**, and if you desaturate by 10%, it is **85D1CD**.

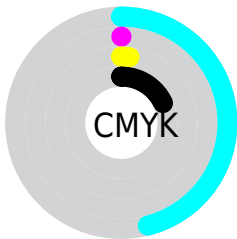
Distribution



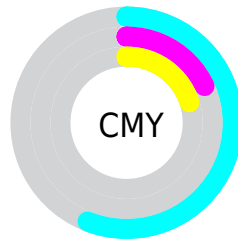
- Red (44%)
- Green (82%)
- Blue (80%)



- Red (44%)
- Yellow (64%)
- Blue (82%)



- Cyan (46%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)



- Cyan (56%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70D1CC 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 70D1CC by changing the saturation by 10% instead.

 70D1CC

 70D1CC

FFFFFF

 53B5B1

 A9FFFF

 349A96

 C6FFFF

 04807C

 E4FFFF

 006663

 004E4B

 003635

 002220

 000008

 000000

 70D1CC

 70D1CC

 5BD1CB

 85D1CD

 46D1CA

 9AD1CE

 31D1C9

 AFD1CF

 1CD1C8

 C4D1D0

 08D1C7

 D9D1D1

 00D1C6

 EDD1D2

 FFD1D4

 FFD1D5

 FFD1D6

Harmonies

Analogous

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



8AD0AF



70D1CC



6CCFE6

Triad

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



70D1CC



D4B6EB



E5BA8C

Complementary

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



70D1CC



D17075

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.



F6B19C



70D1CC



EFAED3

Square

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



70D1CC



AEC0F8



FAACB7



CAC38A

Rectangle

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



70D1CC



7BCBF2



FAACB7



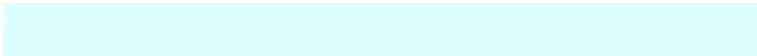
ECB690

Sweetspot

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



70D1CC



DBFFFD



76D170



6A807E



000000



808080

Same Dimension

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



70D1CC



70FFF8



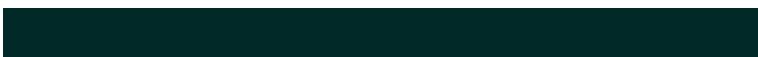
70A7D1



5E6968



00A8A0



002927

Inverse Universe

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



D17075



FF7078



D19A70



695E5F



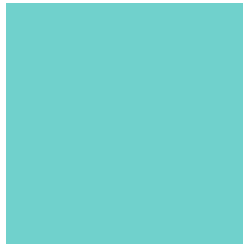
A80009



290002

Previews

White Background



This preview shows how the Hex color 70D1CC looks on a white background.

Color Contrast Check

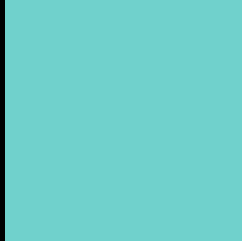
Large Text (above 18pt) WCAG AA × Fail

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 70D1CC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

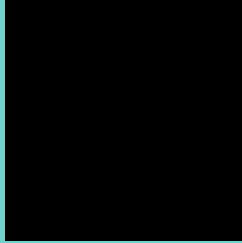
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

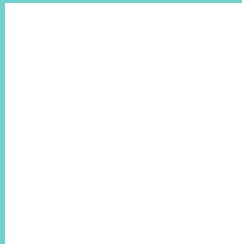
Any Text WCAG AAA ✓ Pass

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

Hex 70D1CC Background



This preview shows how black text looks on a background with the Hex color 70D1CC.

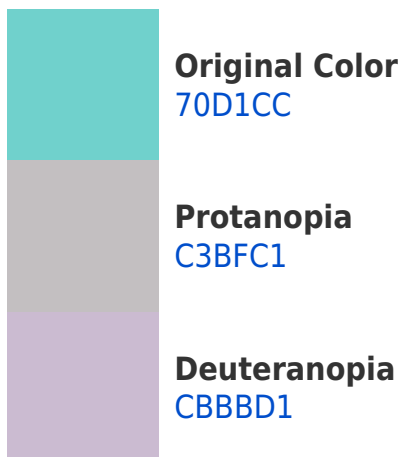


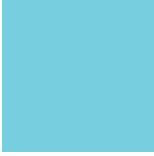
This preview shows how white text looks on a background with the Hex color 70D1CC.

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
76CEDF

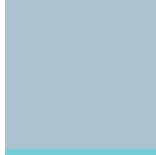
Trichromacy



Original Color
70D1CC



Protanomaly
A5C6C5



Deuteranomaly
AAC3CF

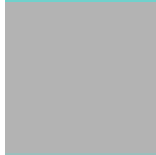


Tritanomaly
74CFD8

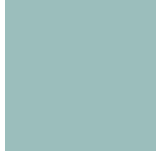
Monochromacy



Original Color
70D1CC



Achromatopsia
B3B3B3



Achromatomaly
9BBEBC

CSS Examples

Text

The CSS property to change the color of the text to Hex 70D1CC 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 #70D1CC looks like.

```
.text, #text, p{  
    color:#70D1CC  
}
```

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 #70D1CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70D1CC  
}
```

Border

The CSS property to change the border of an element to Hex 70D1CC 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  
#70D1CC }
```

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

```
.border{ border-color:#70D1CC }
```

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

Here you see how a box with a 4 pixel #70D1CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70D1CC; -webkit-box-shadow:4px 4px  
4px 4px #70D1CC; box-shadow:4px 4px 4px  
4px #70D1CC }
```

Background

The CSS property to change the background color of an element to Hex 70D1CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70D1CC }
```

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

```
.background{ background-color:#70D1CC }
```

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