

Converting Colors

Hex(70D3CD)

Have a look what the booklet for
Hex(70D3CD) contains.

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Color

Hex(70D3CD)

Conversions

Conversions Part 1

Format	Color
Hex	70D3CD
RGB	112, 211, 205
RGB Percent	44%, 83%, 80%
CMY	0.5608, 0.1725, 0.1961
CMYK	0.47, 0.00, 0.03, 0.17
HSL	176°, 53%, 63%
HSV	176°, 47%, 83%
XYZ	40.9958, 54.4411, 66.1051
YIQ	180.7150, -57.0780, -22.8540

Conversions

Conversions Part 2

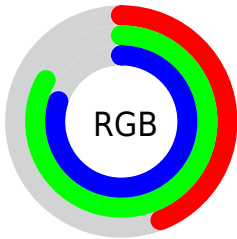
Format	Color
R _{YB}	112, 163, 211
Decimal	7394253
CIE Lab	78.72, -30.49, -6.04
CIE LCh	79, 31.083, 191.212
Yxy	54.4411, 0.2538, 0.3370
Android (android.graphics.Color)	4285584333 (0xFF70D3CD)
YUV	180.7150, 11.9725, -60.2631
Hunter-Lab	73.7842, -29.9445, -1.4705

Details

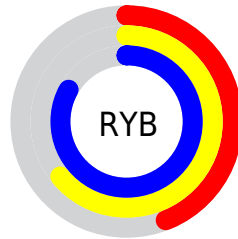
The Hex color **70D3CD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D37076**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **AAFFFF**, and **339C97** is the 20% darker color. If you saturate the color by 10%, you get **5BD3CC**, and if you desaturate by 10%, it is **85D3CE**.

Distribution



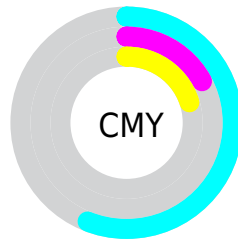
- Red (44%)
- Green (83%)
- Blue (80%)



- Red (44%)
- Yellow (64%)
- Blue (83%)



- Cyan (47%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)



- Cyan (56%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70D3CD 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 70D3CD by changing the saturation by 10% instead.

 70D3CD

 70D3CD

FFFFFF

 53B7B2

 AAFFFF

 339C97

 C7FFFF

 02827D

 E4FFFF

 006864

 00504C

 003836

 002320

 000009

 000000

 70D3CD

 70D3CD

 5BD3CC

 85D3CE

 46D3CA

 9AD3D0

 31D3C9

 AFD3D1

 1CD3C8

 C4D3D2

 07D3C7

 D9D3D3

 00D3C6

 EFD3D5

 FFD3D6

 FFD3D7

 FFD3D9

Harmonies

Analogous

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



8BD1AF



70D3CD



6BD1E8

Triad

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



70D3CD



D5B8EE



E8BB8D

Complementary

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



70D3CD



D37076

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.



F9B29E



70D3CD



F1B0D6

Square

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



70D3CD



AEC2FB



FDAEB9



CDC48A

Rectangle

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



70D3CD



79CDF5



FDAEB9



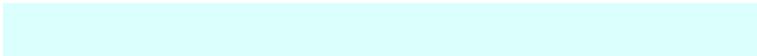
EFB891

Sweetspot

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



70D3CD



DBFFFD



77D370



6A807E



000000



808080

Same Dimension

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



70D3CD



70FFF6



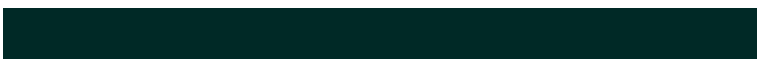
70A8D3



5E6968



00A89E



002926

Inverse Universe

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



D37076



FF7079



D39B70



695E5F



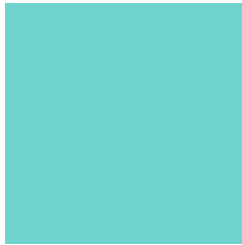
A8000A



290002

Previews

White Background



This preview shows how the Hex color 70D3CD looks on a white background.

Color Contrast Check

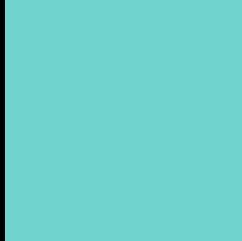
Large Text (above 18pt) WCAG AA × Fail

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 70D3CD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

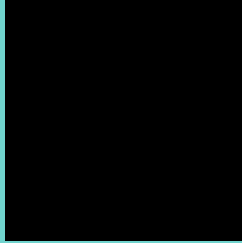
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

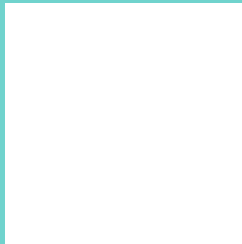
Any Text WCAG AAA ✓ Pass

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

Hex 70D3CD Background



This preview shows how black text looks on a background with the Hex color 70D3CD.

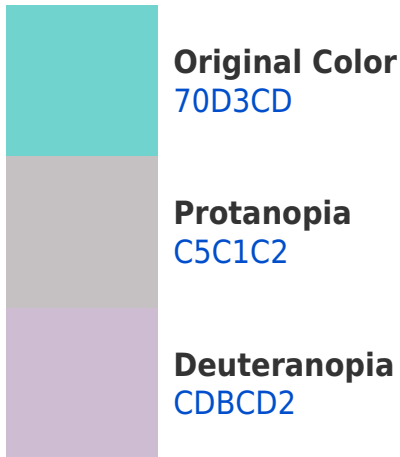


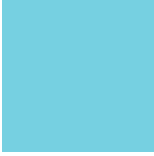
This preview shows how white text looks on a background with the Hex color 70D3CD.

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](#).

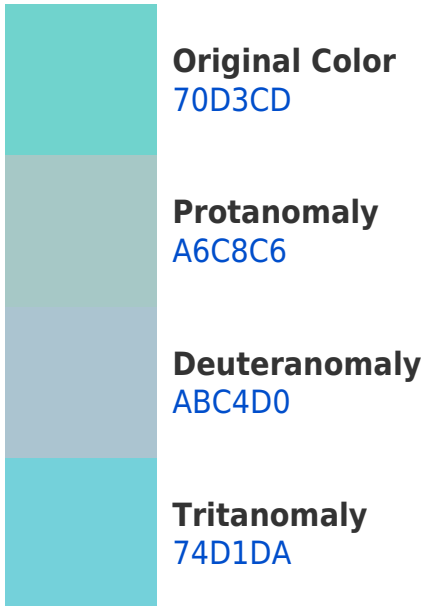
Dichromacy



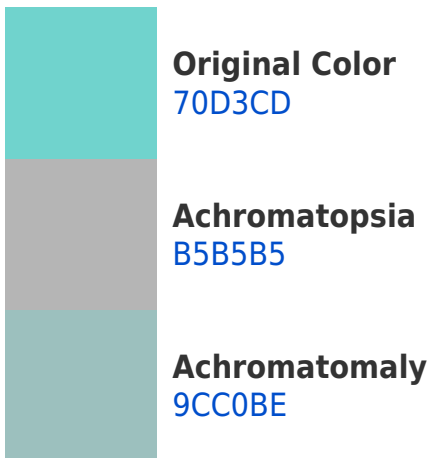


Tritanopia
76D0E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70D3CD 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 #70D3CD looks like.

```
.text, #text, p{  
    color:#70D3CD  
}
```

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 #70D3CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70D3CD
}
```

Border

The CSS property to change the border of an element to Hex 70D3CD 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
#70D3CD }
```

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

```
.border{ border-color:#70D3CD }
```

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

Here you see how a box with a 4 pixel #70D3CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70D3CD; -webkit-box-shadow:4px 4px  
4px 4px #70D3CD; box-shadow:4px 4px 4px  
4px #70D3CD }
```

Background

The CSS property to change the background color of an element to Hex 70D3CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70D3CD }
```

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

```
.background{ background-color:#70D3CD }
```

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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