

Converting Colors

Hex(70C6DA)

Have a look what the booklet for
Hex(70C6DA) contains.

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Color

Hex(70C6DA)

Conversions

Conversions Part 1

Format	Color
Hex	70C6DA
RGB	112, 198, 218
RGB Percent	44%, 78%, 85%
CMY	0.5608, 0.2235, 0.1451
CMYK	0.49, 0.09, 0.00, 0.15
HSL	191°, 59%, 65%
HSV	191°, 49%, 85%
XYZ	39.5311, 48.8949, 73.6838
YIQ	174.5660, -57.6760, -12.0120

Conversions

Conversions Part 2

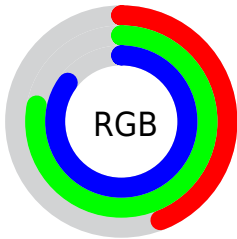
Format	Color
RYB	112, 159, 218
Decimal	7390938
CIELab	75.39, -20.68, -18.03
CIElCh	75, 27.435, 221.081
Yxy	48.8949, 0.2439, 0.3016
Android (android.graphics.Color)	4285581018 (0xFF70C6DA)
YUV	174.5660, 21.4130, -54.8704
Hunter-Lab	69.9249, -21.4560, -13.5298

Details

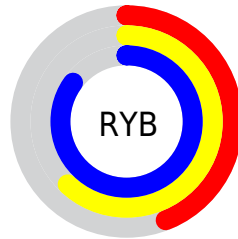
The Hex color **70C6DA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DA8470**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **AAFFFF**, and **3390A3** is the 20% darker color. If you saturate the color by 10%, you get **5AC2DA**, and if you desaturate by 10%, it is **86CADA**.

Distribution



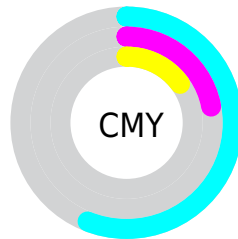
- Red (44%)
- Green (78%)
- Blue (85%)



- Red (44%)
- Yellow (62%)
- Blue (85%)



- Cyan (49%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (56%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70C6DA 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 70C6DA by changing the saturation by 10% instead.

 70C6DA

 70C6DA

FFFFFF

 53ABBE

 AAFFFF

 3390A3

 C7FFFF

 037689

 E4FFFF

 005D6F

 004557

 002F40

 001C29

 000115

 000000

 70C6DA

 70C6DA

 5AC2DA

 86CADA

 44BEDA

 9CCEDA

 2FBADA

 B1D2DA

 19B6DA

 C7D6DA

 03B1DA

 DDDBDA

 00B1DA

 F3DFDA

 FFE3DA

 FFE7DA

 FFEBDA

Harmonies

Analogous

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



74C8C2



70C6DA



85C1E9

Triad

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



70C6DA



E2A9CB



C3BB88

Complementary

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



70C6DA



DA8470

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.



DAB38A



70C6DA



EDA7B1

Square

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



70C6DA



C9B0E0



EAAB9A



A6C293

Rectangle

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



70C6DA



9CBCEC



EAAB9A



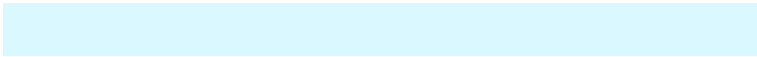
CBB887

Sweetspot

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



70C6DA



D9F8FF



70DA83



697B80



000000



808080

Same Dimension

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



70C6DA



6BE3FF



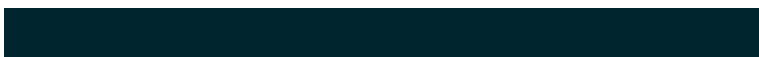
7092DA



636C6E



008DAD



00252E

Inverse Universe

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



DA70C6



FF6BE3



DAB870



6E636C



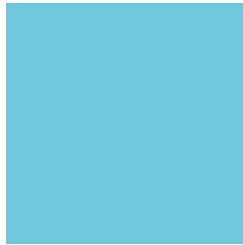
AD008D



2E0025

Previews

White Background



This preview shows how the Hex color 70C6DA looks on a white background.

Color Contrast Check

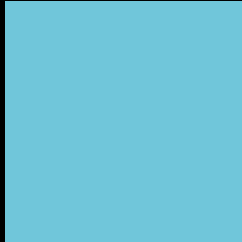
Large Text (above 18pt) WCAG AA × Fail

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 70C6DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

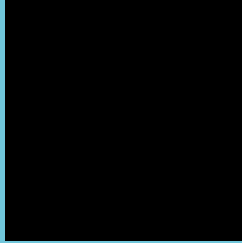
Any Text WCAG AA ✓ Pass

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 70C6DA Background



This preview shows how black text looks on a background with the Hex color 70C6DA.

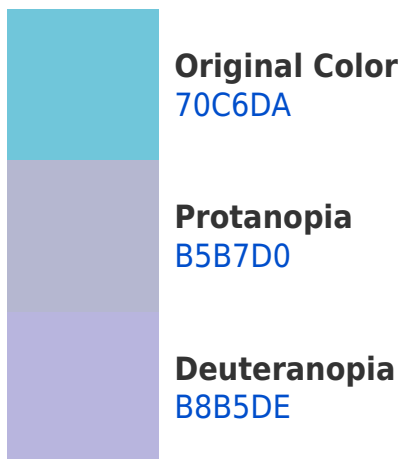


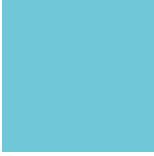
This preview shows how white text looks on a background with the Hex color 70C6DA.

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](#).

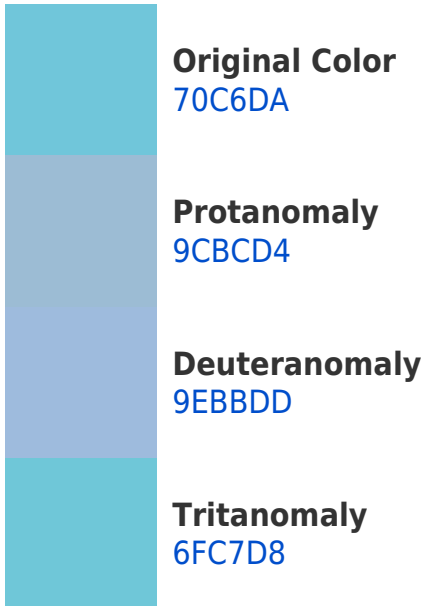
Dichromacy



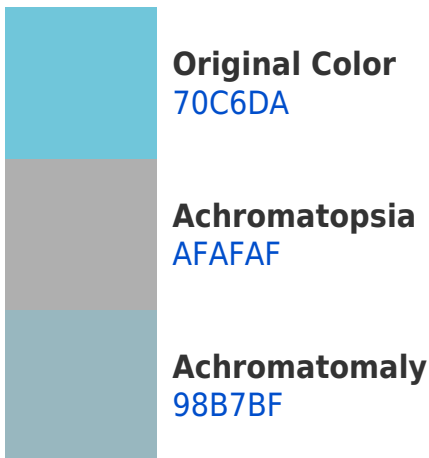


Tritanopia
6FC7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70C6DA 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 #70C6DA looks like.

```
.text, #text, p{  
    color:#70C6DA  
}
```

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 #70C6DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70C6DA
}
```

Border

The CSS property to change the border of an element to Hex 70C6DA 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
#70C6DA }
```

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

```
.border{ border-color:#70C6DA }
```

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

Here you see how a box with a 4 pixel #70C6DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70C6DA; -webkit-box-shadow:4px 4px  
4px 4px #70C6DA; box-shadow:4px 4px 4px  
4px #70C6DA }
```

Background

The CSS property to change the background color of an element to Hex 70C6DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70C6DA }
```

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

```
.background{ background-color:#70C6DA }
```

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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