

Converting Colors

Hex(70C9D2)

Have a look what the booklet for
Hex(70C9D2) contains.

Hex(70C9D2)	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(70C9D2)

Conversions

Conversions Part 1

Format	Color
Hex	70C9D2
RGB	112, 201, 210
RGB Percent	44%, 79%, 82%
CMY	0.5608, 0.2118, 0.1765
CMYK	0.47, 0.04, 0.00, 0.18
HSL	186°, 52%, 63%
HSV	186°, 47%, 82%
XYZ	39.2016, 49.8712, 68.5327
YIQ	175.4150, -55.9330, -16.0690

Conversions

Conversions Part 2

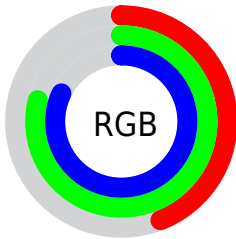
Format	Color
R _{YB}	112, 159, 210
Decimal	7391698
CIE Lab	75.99, -24.32, -12.80
CIE LCh	76, 27.485, 207.746
Yxy	49.8712, 0.2487, 0.3164
Android (android.graphics.Color)	4285581778 (0xFF70C9D2)
YUV	175.4150, 17.0504, -55.6150
Hunter-Lab	70.6195, -24.4971, -8.1043

Details

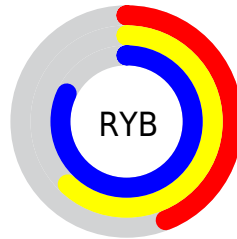
The Hex color **70C9D2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D27970**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **A9FFFF**, and **34939C** is the 20% darker color. If you saturate the color by 10%, you get **5BC7D2**, and if you desaturate by 10%, it is **85CBD2**.

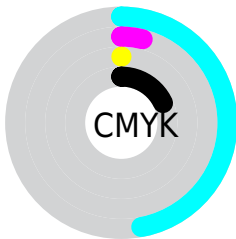
Distribution



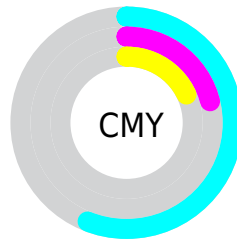
- Red (44%)
- Green (79%)
- Blue (82%)



- Red (44%)
- Yellow (62%)
- Blue (82%)



- Cyan (47%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (56%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70C9D2 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 70C9D2 by changing the saturation by 10% instead.

 70C9D2

 70C9D2

FFFFFF

 53ADB6

 A9FFFF

 34939C

 C6FFFF

 077982

 E4FFFF

 006068

 004850

 003139

 001E24

 00010E

 000000

 70C9D2

 70C9D2

 5BC7D2

 85CBD2

 46C5D2

 9ACDD2

 31C3D2

 AFCFD2

 1CC1D2

 C4D1D2

 07BFD2

 D9D3D2

 00BFD2

 EED5D2

 FFD6D2

 FFD8D2

 FFDAD2

Harmonies

Analogous

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



7DC9B8



70C9D2



7BC5E5

Triad

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



70C9D2



DAADD7



D0B989

Complementary

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



70C9D2



D27970

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.



E4B191



70C9D2



ECA9BE

Square

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



70C9D2



BDB5E8



EFAAA5



B5C18E

Rectangle

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



70C9D2



8EC1EC



EFAAA5



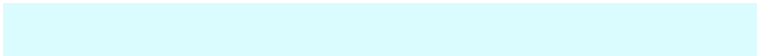
D7B68A

Sweetspot

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



70C9D2



DBFCFF



70D278



6A7E80



000000



808080

Same Dimension

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



70C9D2



70F2FF



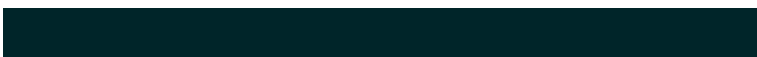
7099D2



5E6869



0099A8



002529

Inverse Universe

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



D270C9



FF70F2



D2A970



695E68



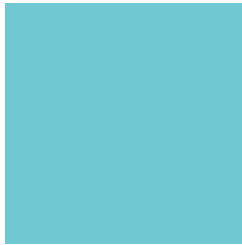
A80099



290025

Previews

White Background



This preview shows how the Hex color 70C9D2 looks on a white background.

Color Contrast Check

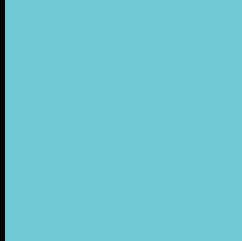
Large Text (above 18pt) WCAG AA × Fail

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 70C9D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

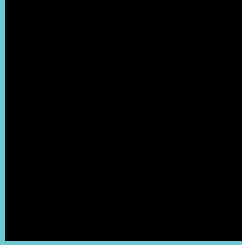
Any Text WCAG AA ✓ Pass

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 70C9D2 Background



This preview shows how black text looks on a background with the Hex color 70C9D2.

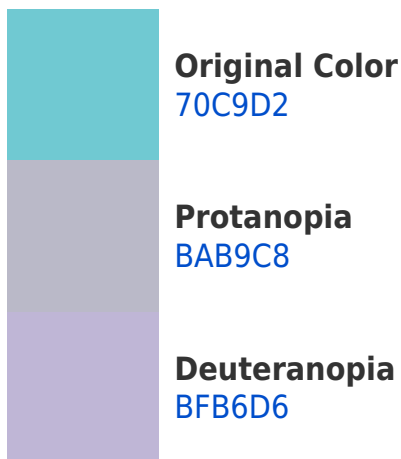


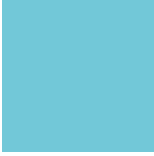
This preview shows how white text looks on a background with the Hex color 70C9D2.

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](#).

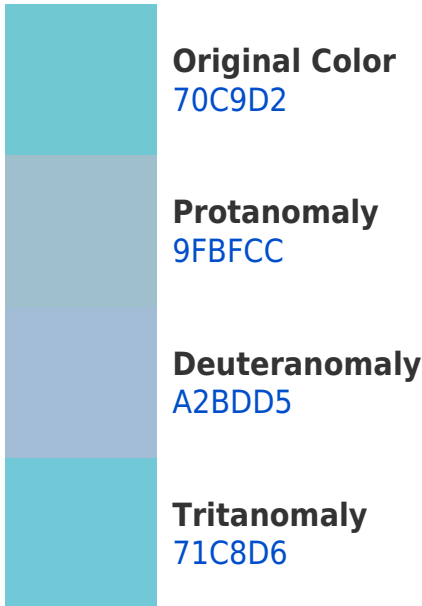
Dichromacy



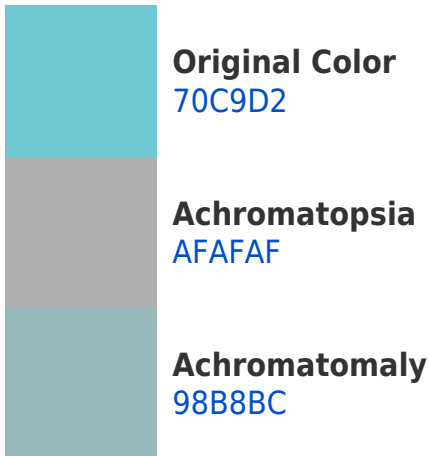


Tritanopia
72C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70C9D2 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 #70C9D2 looks like.

```
.text, #text, p{  
    color:#70C9D2  
}
```

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 #70C9D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70C9D2
}
```

Border

The CSS property to change the border of an element to Hex 70C9D2 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
#70C9D2 }
```

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

```
.border{ border-color:#70C9D2 }
```

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

Here you see how a box with a 4 pixel #70C9D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70C9D2; -webkit-box-shadow:4px 4px  
4px 4px #70C9D2; box-shadow:4px 4px 4px  
4px #70C9D2 }
```

Background

The CSS property to change the background color of an element to Hex 70C9D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70C9D2 }
```

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

```
.background{ background-color:#70C9D2 }
```

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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