

# Converting Colors

Hex(73C3D0)

Have a look what the booklet for  
Hex(73C3D0) contains.

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# **Color**

**Hex(73C3D0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73C3D0
RGB	115, 195, 208
RGB Percent	45%, 76%, 82%
CMY	0.5490, 0.2353, 0.1843
CMYK	0.45, 0.06, 0.00, 0.18
HSL	188°, 50%, 63%
HSV	188°, 45%, 82%
XYZ	37.9705, 47.2291, 66.7894
YIQ	172.5620, -51.8530, -12.9170

# Conversions

## Conversions Part 2

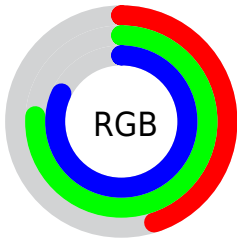
Format	Color
<a href="#">RYB</a>	<a href="#">115, 158, 208</a>
Decimal	<a href="#">7586768</a>
CIELab	<a href="#">74.34, -21.13, -14.18</a>
CIElCh	<a href="#">74, 25.450, 213.865</a>
Yxy	<a href="#">47.2291, 0.2498, 0.3107</a>
Android (android.graphics.Color)	<a href="#">4285776848 (0xFF73C3D0)</a>
YUV	<a href="#">172.5620, 17.4709, -50.4819</a>
Hunter-Lab	<a href="#">68.7234, -21.6427, -9.5150</a>

# Details

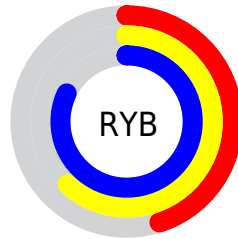
The Hex color **73C3D0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D08073**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **ACFCFF**, and **398D9A** is the 20% darker color. If you saturate the color by 10%, you get **5EC0D0**, and if you desaturate by 10%, it is **88C6D0**.

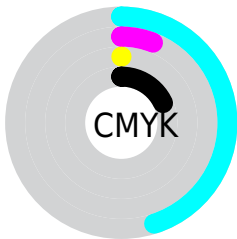
# Distribution



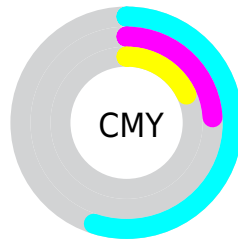
- Red (45%)
- Green (76%)
- Blue (82%)



- Red (45%)
- Yellow (62%)
- Blue (82%)



- Cyan (45%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (55%)
- Magenta (24%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73C3D0 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 73C3D0 by changing the saturation by 10% instead.



 73C3D0

 73C3D0

FFFFFF

 57A8B4

 ACFCFF

 398D9A

 C8FFFF

 157380

 E6FFFF

 005B67

 00434F

 002C38

 001922

 00000B

 000000

 73C3D0

 73C3D0

 5EC0D0

 88C6D0

 49BDD0

 9DC9D0

 35BAD0

 B1CCD0

 20B7D0

 C6CFD0

 0BB4D0

 DBD2D0

 00B3D0

 F0D4D0

 FFD7D0

 FFDAD0

 FFD0D0

# Harmonies

## Analogous

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



7BC4B9



73C3D0



81BFE0

# Triad

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



73C3D0



D8A9CC



C5B688

# Complementary

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



73C3D0



D08073

# 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.



DAAE8E



73C3D0



E5A6B5

# Square

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



73C3D0



BEB0DE



E5A89E



ACBD90

# Rectangle

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



73C3D0



94BAE5



E5A89E



CDB489

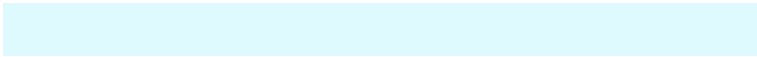


# Sweetspot

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



73C3D0



DEFAFF



73D07F



6B7D80



000000



808080

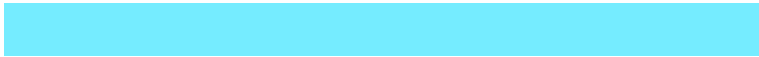


# Same Dimension

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



73C3D0



75ECFF



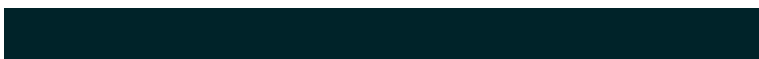
7395D0



5E6769



0091A8



002329



# Inverse Universe

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



D073C3



FF75EC



D0AE73



695E67



A80091

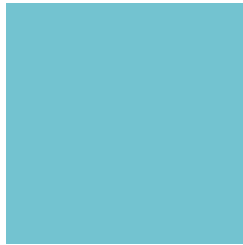


290023



# Previews

## White Background



This preview shows how the Hex color 73C3D0 looks on a white background.

## Color Contrast Check

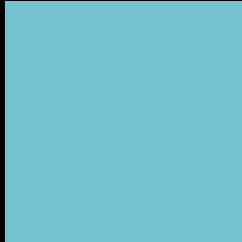
Large Text (above 18pt) WCAG AA × Fail

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 73C3D0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

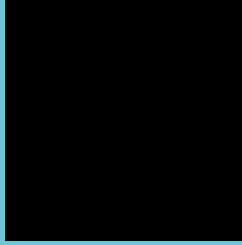
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 73C3D0 Background



This preview shows how black text looks on a background with the Hex color 73C3D0.

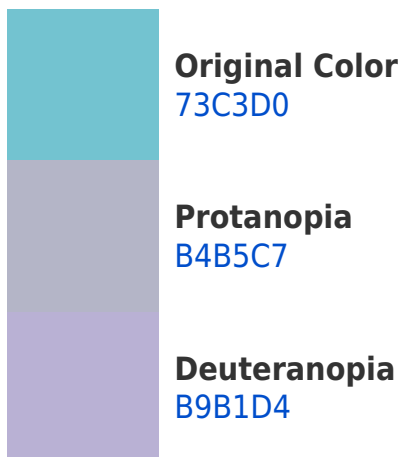


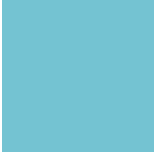
This preview shows how white text looks on a background with the Hex color 73C3D0.

# 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



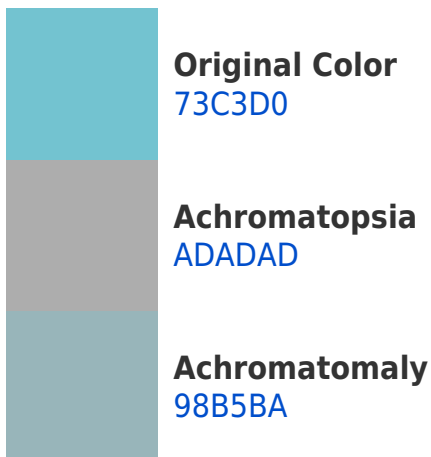


**Tritanopia**  
74C3D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73C3D0 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 #73C3D0 looks like.

```
.text, #text, p{  
    color:#73C3D0  
}
```

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 #73C3D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73C3D0
}
```

## Border

The CSS property to change the border of an element to Hex 73C3D0 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
#73C3D0 }
```

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

```
.border{ border-color:#73C3D0 }
```

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

Here you see how a box with a 4 pixel #73C3D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73C3D0; -webkit-box-shadow:4px 4px  
4px 4px #73C3D0; box-shadow:4px 4px 4px  
4px #73C3D0 }
```

# Background

The CSS property to change the background color of an element to Hex 73C3D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73C3D0 }
```

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

```
.background{ background-color:#73C3D0 }
```

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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