

# Converting Colors

Hex(71D0D8)

Have a look what the booklet for  
Hex(71D0D8) contains.

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# **Color**

**Hex(71D0D8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71D0D8
RGB	113, 208, 216
RGB Percent	44%, 82%, 85%
CMY	0.5569, 0.1843, 0.1529
CMYK	0.48, 0.04, 0.00, 0.15
HSL	185°, 57%, 65%
HSV	185°, 48%, 85%
XYZ	41.7606, 53.5803, 73.1068
YIQ	180.5070, -59.1880, -17.6520

# Conversions

## Conversions Part 2

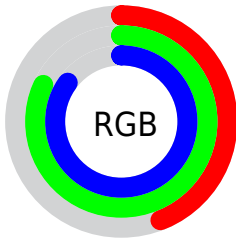
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">113, 162, 216</a>
Decimal	<a href="#">7459032</a>
CIELab	<a href="#">78.22, -25.99, -12.69</a>
CIElCh	<a href="#">78, 28.924, 206.021</a>
Yxy	<a href="#">53.5803, 0.2479, 0.3181</a>
Android (android.graphics.Color)	<a href="#">4285649112 (0xFF71D0D8)</a>
YUV	<a href="#">180.5070, 17.4980, -59.2036</a>
Hunter-Lab	<a href="#">73.1986, -26.2613, -7.9766</a>

# Details

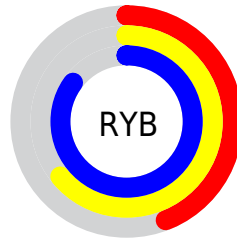
The Hex color **71D0D8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D87971**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **ABFFFF**, and **3499A1** is the 20% darker color. If you saturate the color by 10%, you get **5BCED8**, and if you desaturate by 10%, it is **87D2D8**.

# Distribution



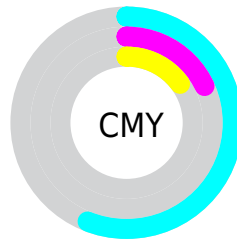
- Red (44%)
- Green (82%)
- Blue (85%)



- Red (44%)
- Yellow (64%)
- Blue (85%)



- Cyan (48%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (56%)
- Magenta (18%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71D0D8 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 71D0D8 by changing the saturation by 10% instead.



 71D0D8

 71D0D8

FFFFFF

 54B4BC

 ABFFFF

 3499A1

 C8FFFF

 017F87

 E6FFFF

 00666E

 004D55


 00363E

 002228

 000114

 000000

 71D0D8

 71D0D8

 5BCED8

 87D2D8

 46CDD8

 9CD3D8

 30CBD8

 B2D5D8

 1BC9D8

 C7D7D8

 05C8D8

 DDD8D8

 00C7D8

 F3DAD8

 FFDCD8

 FFDDD8

 FFDFD8

# Harmonies

## Analogous

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



81D0BD



71D0D8



7BCCED

# Triad

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



71D0D8



E1B3E0



D8BE8C

# Complementary

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



71D0D8



D87971

# 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.



EEB696



71D0D8



F4AEC6

# Square

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



71D0D8



C1BCF2



F8AFAB



BCC791

# Rectangle

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



71D0D8



8FC8F5



F8AFAB



E0BB8E

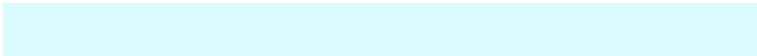


# Sweetspot

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



71D0D8



DBFCFF



71D878



6A7E80



000000



808080



# Same Dimension

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



71D0D8



6EF4FF



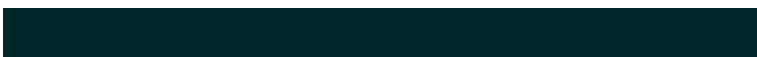
719ED8



606A6B



009EAB



00282B



# Inverse Universe

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



D871D0



FF6EF4



D8AB71



6B606A



AB009E

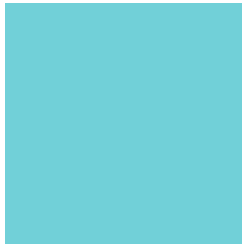


2B0028



# Previews

## White Background



This preview shows how the Hex color 71D0D8 looks on a white background.

## Color Contrast Check

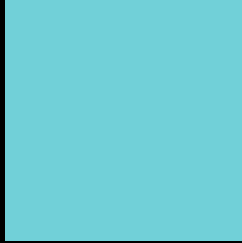
Large Text (above 18pt) WCAG AA × Fail

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 71D0D8 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 71D0D8 Background



This preview shows how black text looks on a background with the Hex color 71D0D8.

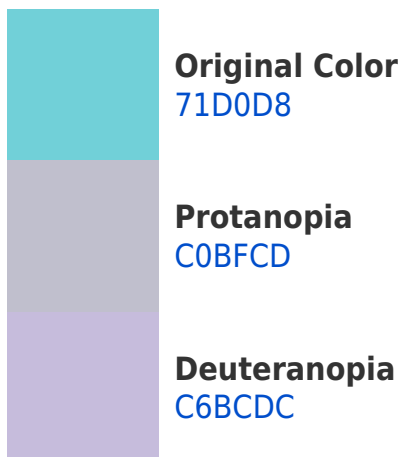


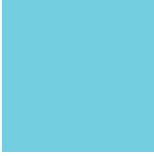
This preview shows how white text looks on a background with the Hex color 71D0D8.

# 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](#).

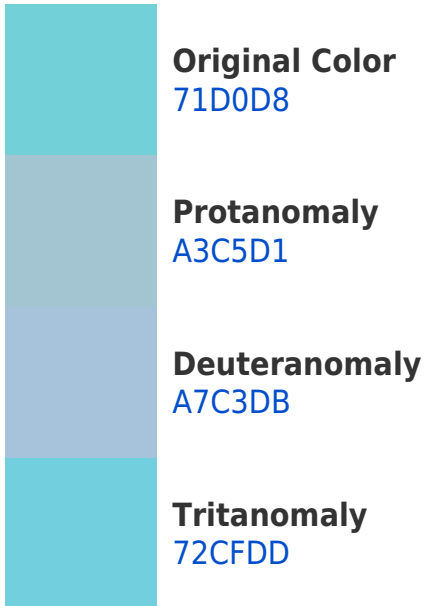
## Dichromacy



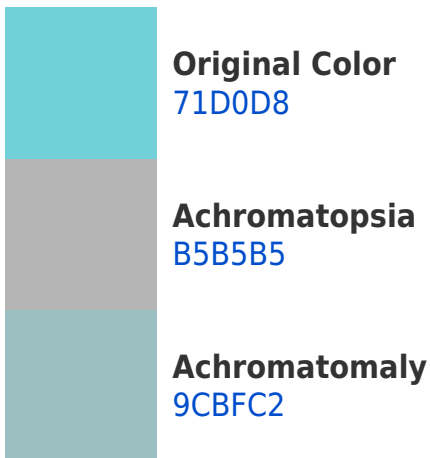


**Tritanopia**  
73CFE0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71D0D8 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 #71D0D8 looks like.

```
.text, #text, p{  
    color:#71D0D8  
}
```

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 #71D0D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71D0D8
}
```

## Border

The CSS property to change the border of an element to Hex 71D0D8 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
#71D0D8 }
```

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

```
.border{ border-color:#71D0D8 }
```

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

Here you see how a box with a 4 pixel #71D0D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71D0D8; -webkit-box-shadow:4px 4px  
4px 4px #71D0D8; box-shadow:4px 4px 4px  
4px #71D0D8 }
```

# Background

The CSS property to change the background color of an element to Hex 71D0D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71D0D8 }
```

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

```
.background{ background-color:#71D0D8 }
```

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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