

# Converting Colors

Hex(71D0E1)

Have a look what the booklet for  
Hex(71D0E1) contains.

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**Color**

**Hex(71D0E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71D0E1
RGB	113, 208, 225
RGB Percent	44%, 82%, 88%
CMY	0.5569, 0.1843, 0.1176
CMYK	0.50, 0.08, 0.00, 0.12
HSL	189°, 65%, 66%
HSV	189°, 50%, 88%
XYZ	42.9565, 54.0587, 79.4045
YIQ	181.5330, -62.0770, -14.8530

# Conversions

## Conversions Part 2

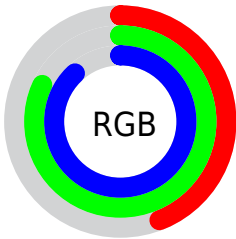
Format	Color
R <sub>YB</sub>	113, 164, 225
Decimal	7459041
CIE Lab	78.50, -23.60, -17.10
CIE LCh	78, 29.145, 215.919
Yxy	54.0587, 0.2435, 0.3064
Android (android.graphics.Color)	4285649121 (0xFF71D0E1)
YUV	181.5330, 21.4292, -60.1034
Hunter-Lab	73.5246, -24.3800, -12.5643

# Details

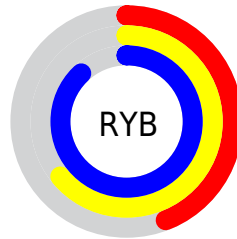
The Hex color **71D0E1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E18271**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **ABFFFF**, and **3299AA** is the 20% darker color. If you saturate the color by 10%, you get **5BCDE1**, and if you desaturate by 10%, it is **88D3E1**.

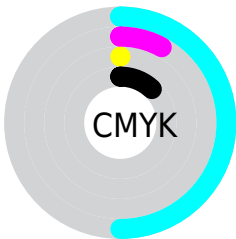
# Distribution



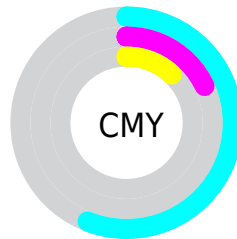
- Red (44%)
- Green (82%)
- Blue (88%)



- Red (44%)
- Yellow (64%)
- Blue (88%)



- Cyan (50%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (56%)
- Magenta (18%)
- Yellow (12%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 71D0E1 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 71D0E1 by changing the saturation by 10% instead.



 71D0E1

 71D0E1

FFFFFF

 53B4C5

 ABFFFF

 3299AA

 C9FFFF


 007F8F

 E6FFFF

 006676

 004E5D

 003645

 00222F

 00011B

 000000

71D0E1

71D0E1

5BCDE1

88D3E1

44C9E1

9ED7E1

2EC6E1

B4DAE1

17C2E1

CBDEE1

01BFE1

E1E1E1

00BFE1

F8E4E1

FFE8E1

FFEBE1

FFEFE1

# Harmonies

## Analogous

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



7AD1C7



71D0E1



84CBF3

# Triad

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



71D0E1



EAB1D9



D1C28C

# Complementary

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



71D0E1



E18271

# 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.



E9B992



71D0E1



F8AEBE

# Square

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



71D0E1



CDB9EE



F7B1A4



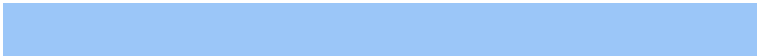
B3CA96

# Rectangle

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



71D0E1



9BC6F8



F7B1A4



D9BF8C

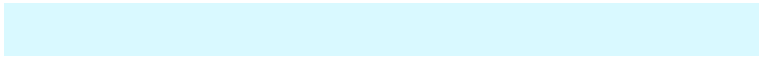


# Sweetspot

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



71D0E1



D9F9FF



71E182



697C80



000000



808080



# Same Dimension

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



71D0E1



66E8FF



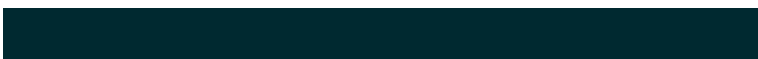
7198E1



656E70



0095B0



002930



# Inverse Universe

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



E171D0



FF66E8



E1BA71



70656E



B00095

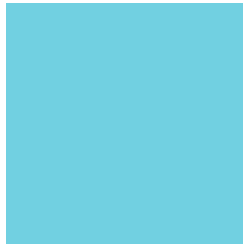


300029



# Previews

## White Background



This preview shows how the Hex color 71D0E1 looks on a white background.

## Color Contrast Check

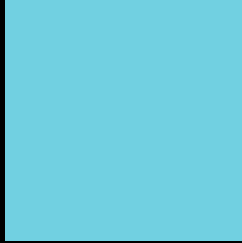
Large Text (above 18pt) WCAG AA × Fail

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 71D0E1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

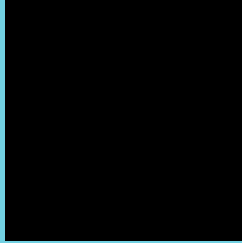
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 71D0E1 Background



This preview shows how black text looks on a background with the Hex color 71D0E1.

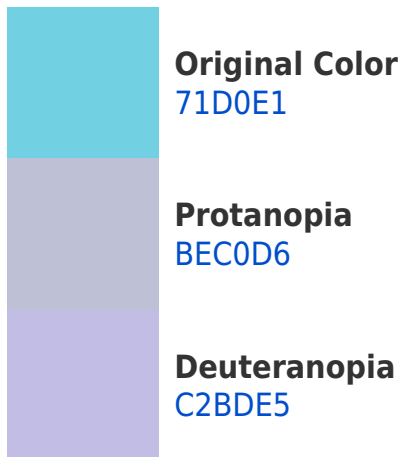


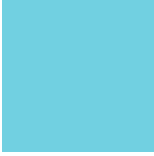
This preview shows how white text looks on a background with the Hex color 71D0E1.

# 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](#).

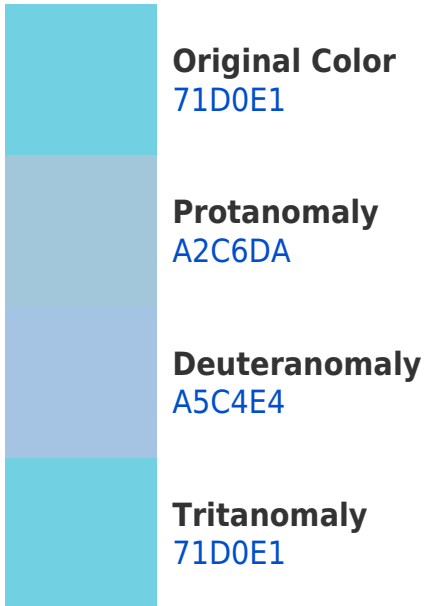
## Dichromacy





**Tritanopia**  
71D0E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71D0E1 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 #71D0E1 looks like.

```
.text, #text, p{  
    color:#71D0E1  
}
```

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 #71D0E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71D0E1
}
```

## Border

The CSS property to change the border of an element to Hex 71D0E1 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
#71D0E1 }
```

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

```
.border{ border-color:#71D0E1 }
```

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

Here you see how a box with a 4 pixel #71D0E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71D0E1; -webkit-box-shadow:4px 4px  
4px 4px #71D0E1; box-shadow:4px 4px 4px  
4px #71D0E1 }
```

# Background

The CSS property to change the background color of an element to Hex 71D0E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71D0E1 }
```

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

```
.background{ background-color:#71D0E1 }
```

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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