

# Converting Colors

Hex(7CD7E2)

Have a look what the booklet for  
Hex(7CD7E2) contains.

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# **Color**

**Hex(7CD7E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CD7E2
RGB	124, 215, 226
RGB Percent	49%, 84%, 89%
CMY	0.5137, 0.1569, 0.1137
CMYK	0.45, 0.05, 0.00, 0.11
HSL	186°, 64%, 69%
HSV	186°, 45%, 89%
XYZ	46.3401, 58.3770, 80.7770
YIQ	189.0450, -57.7670, -15.8710

# Conversions

## Conversions Part 2

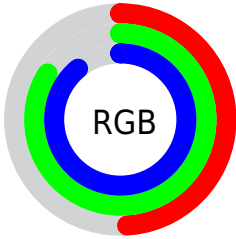
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">124, 172, 226</a>
Decimal	<a href="#">8181730</a>
CIELab	<a href="#">80.95, -24.35, -13.90</a>
CIElCh	<a href="#">81, 28.039, 209.722</a>
Yxy	<a href="#">58.3770, 0.2498, 0.3147</a>
Android (android.graphics.Color)	<a href="#">4286371810</a> ( <a href="#">0xFF7CD7E2</a> )
YUV	<a href="#">189.0450, 18.2188, -57.0445</a>
Hunter-Lab	<a href="#">76.4048, -25.4468, -9.1994</a>

# Details

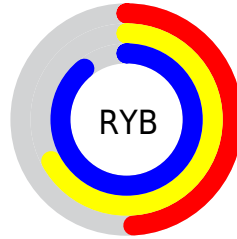
The Hex color **7CD7E2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E2877C**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **B6FFFF**, and **41A0AB** is the 20% darker color. If you saturate the color by 10%, you get **65D5E2**, and if you desaturate by 10%, it is **93D9E2**.

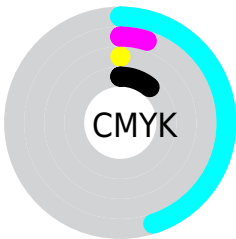
# Distribution



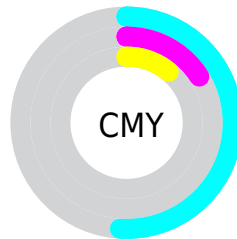
- Red (49%)
- Green (84%)
- Blue (89%)



- Red (49%)
- Yellow (67%)
- Blue (89%)



- Cyan (45%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (51%)
- Magenta (16%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CD7E2 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 7CD7E2 by changing the saturation by 10% instead.



 7CD7E2

 7CD7E2

FFFFFF

 5FBBC6

 B6FFFF

 41A0AB

 D3FFFF

 1D8690

 F1FFFF

 006C77

 00545E

 003C46

 002630

 00081C

 000000

 7CD7E2

 7CD7E2

 65D5E2

 93D9E2

 4FD2E2

 A9DCE2

 38D0E2

 C0DEE2

 22CDE2

 D6E1E2

 0BCBE2

 EDE3E2

 00CAE2

 FFE6E2

 FFE8E2

 FFEAE2

 FFEDE2

# Harmonies

## Analogous

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



88D8C8



7CD7E2



89D3F5

# Triad

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



7CD7E2



EBBAE4



DDC795

# Complementary

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



7CD7E2



E2877C

# 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.



F2BE9D



7CD7E2



FCB6CA

# Square

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



7CD7E2



CDC2F6



FEB8B0



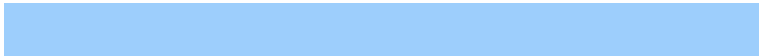
C0CF9B

# Rectangle

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



7CD7E2



9DCEFC



FEB8B0



E5C496

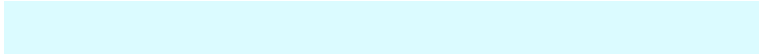


# Sweetspot

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



7CD7E2



DBFBFF



7CE286



6A7D80



000000



808080



# Same Dimension

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



7CD7E2



75F0FF



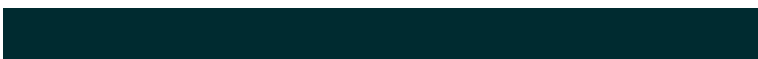
7CA5E2



656F70



009DB0



002B30



# Inverse Universe

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



E27CD7



FF75F0



E2B97C



70656F



B0009D

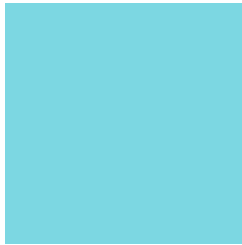


30002B



# Previews

## White Background



This preview shows how the Hex color 7CD7E2 looks on a white background.

## Color Contrast Check

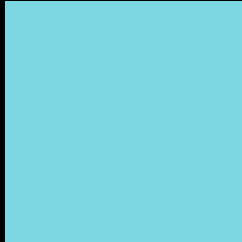
Large Text (above 18pt) WCAG AA × Fail

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 7CD7E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

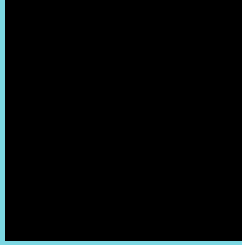
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7CD7E2 Background



This preview shows how black text looks on a background with the Hex color 7CD7E2.

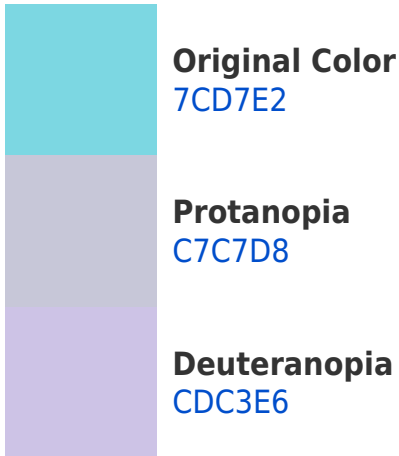


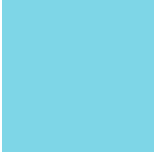
This preview shows how white text looks on a background with the Hex color 7CD7E2.

# 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](#).

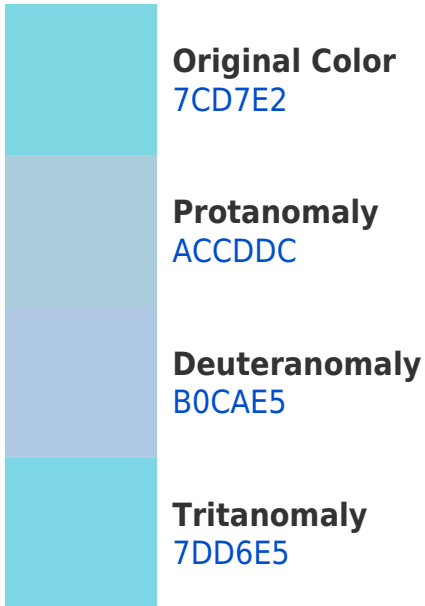
## Dichromacy



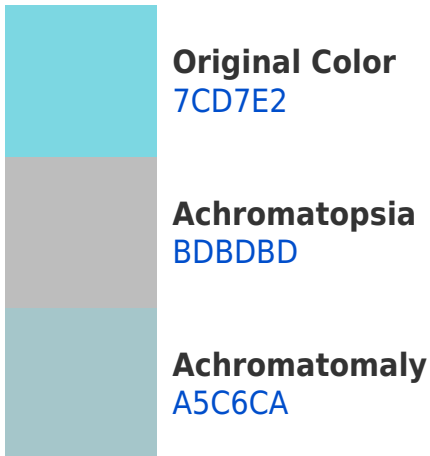


**Tritanopia**  
7ED6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CD7E2 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 #7CD7E2 looks like.

```
.text, #text, p{  
    color:#7CD7E2  
}
```

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 #7CD7E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CD7E2
}
```

## Border

The CSS property to change the border of an element to Hex 7CD7E2 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
#7CD7E2 }
```

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

```
.border{ border-color:#7CD7E2 }
```

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

Here you see how a box with a 4 pixel #7CD7E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CD7E2; -webkit-box-shadow:4px 4px  
4px 4px #7CD7E2; box-shadow:4px 4px 4px  
4px #7CD7E2 }
```

# Background

The CSS property to change the background color of an element to Hex 7CD7E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CD7E2 }
```

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

```
.background{ background-color:#7CD7E2 }
```

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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