

# Converting Colors

Hex(7CD6C0)

Have a look what the booklet for  
Hex(7CD6C0) contains.

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# Color

Hex(7CD6C0)

# Conversions

## Conversions Part 1

Format	Color
Hex	7CD6C0
RGB	124, 214, 192
RGB Percent	49%, 84%, 75%
CMY	0.5137, 0.1608, 0.2471
CMYK	0.42, 0.00, 0.10, 0.16
HSL	165°, 52%, 66%
HSV	165°, 42%, 84%
XYZ	41.8732, 56.1840, 58.5068
YIQ	184.5820, -46.5780, -25.9220

# Conversions

## Conversions Part 2

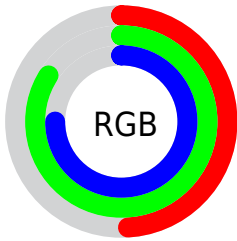
Format	Color
<a href="#">RYB</a>	<a href="#">124, 175, 214</a>
Decimal	<a href="#">8181440</a>
CIELab	<a href="#">79.72, -32.13, 2.43</a>
CIElCh	<a href="#">80, 32.217, 175.666</a>
Yxy	<a href="#">56.1840, 0.2675, 0.3589</a>
Android (android.graphics.Color)	<a href="#">4286371520 (0xFF7CD6C0)</a>
YUV	<a href="#">184.5820, 3.6571, -53.1304</a>
Hunter-Lab	<a href="#">74.9560, -31.4563, 6.1904</a>

# Details

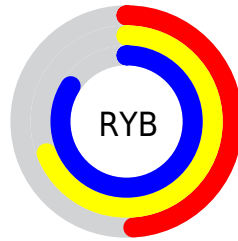
The Hex color **7CD6C0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D67C92**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **B4FFF8**, and **449F8B** is the 20% darker color. If you saturate the color by 10%, you get **67D6BB**, and if you desaturate by 10%, it is **91D6C5**.

# Distribution



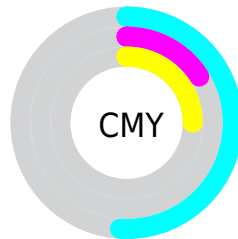
- Red (49%)
- Green (84%)
- Blue (75%)



- Red (49%)
- Yellow (69%)
- Blue (84%)



- Cyan (42%)
- Magenta (0%)
- Yellow (10%)
- Black (16%)



- Cyan (51%)
- Magenta (16%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CD6C0 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 7CD6C0 by changing the saturation by 10% instead.



 7CD6C0

 7CD6C0

FFFFFF

 60BAA5

 B4FFF8

 449F8B

 D1FFFF

 258471

 EFFFFFF

 006B59

 005241

 003A2B

 002517

 000000

 7CD6C0

 7CD6C0

 67D6BB

 91D6C5

 51D6B6


 A7D6CA

 3CD6B0

 BCD6D0

 26D6AB

 D2D6D5

 11D6A6

 E7D6DA

 00D6A2

 FCD6DF

 FFD6E5

 FFD6EA

 FFD6EF

# Harmonies

## Analogous

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



9DD3A3



7CD6C0



68D6DE

# Triad

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



7CD6C0



C4BFFC



F6B895

# Complementary

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



7CD6C0



D67C92

# 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.



FFB1AD



7CD6C0



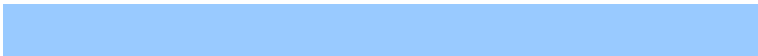
E8B5E8

# Square

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



7CD6C0



99CAFF



FDB0CB



DFC28A

# Rectangle

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



7CD6C0



6BD3F0



FDB0CB



FCB59C

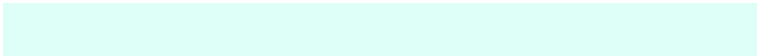


# Sweetspot

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



7CD6C0



DEFFF7



93D67C



6B807B



000000



808080

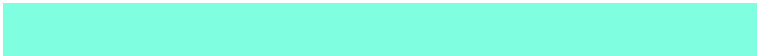


# Same Dimension

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



7CD6C0



80FFE0



7CC0D6



606B68



00AB81



002B21



# Inverse Universe

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



D67C92



FF809F



D6937C



6B6063



AB002A



2B000B



# Previews

## White Background



This preview shows how the Hex color 7CD6C0 looks on a white background.

## Color Contrast Check

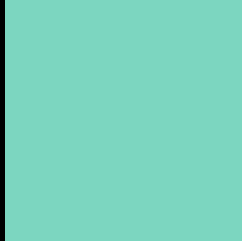
Large Text (above 18pt) WCAG AA × Fail

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 7CD6C0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

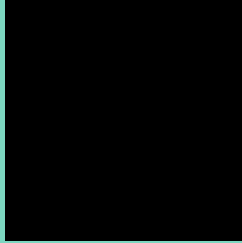
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

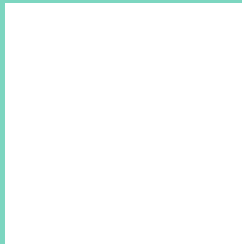
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7CD6C0 Background



This preview shows how black text looks on a background with the Hex color 7CD6C0.



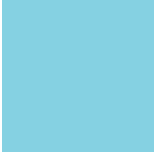
This preview shows how white text looks on a background with the Hex color 7CD6C0.

# 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**  
85D1E2

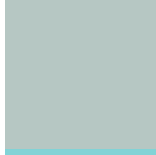
# Trichromacy



**Original Color**  
7CD6C0



**Protanomaly**  
AECBBA



**Deuteranomaly**  
B6C7C3

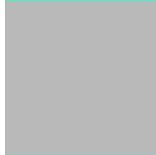


**Tritanomaly**  
82D3D6

# Monochromacy



**Original Color**  
7CD6C0



**Achromatopsia**  
B9B9B9



**Achromatomaly**  
A3C4BC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CD6C0 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 #7CD6C0 looks like.

```
.text, #text, p{  
    color:#7CD6C0  
}
```

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 #7CD6C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CD6C0
}
```

## Border

The CSS property to change the border of an element to Hex 7CD6C0 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
#7CD6C0 }
```

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

```
.border{ border-color:#7CD6C0 }
```

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

Here you see how a box with a 4 pixel #7CD6C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CD6C0; -webkit-box-shadow:4px 4px  
4px 4px #7CD6C0; box-shadow:4px 4px 4px  
4px #7CD6C0 }
```

# Background

The CSS property to change the background color of an element to Hex 7CD6C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CD6C0 }
```

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

```
.background{ background-color:#7CD6C0 }
```

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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