

# Converting Colors

Hex(7CDDD3)

Have a look what the booklet for  
Hex(7CDDD3) contains.

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# **Color**

**Hex(7CDDD3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CDDD3
RGB	124, 221, 211
RGB Percent	49%, 87%, 83%
CMY	0.5137, 0.1333, 0.1725
CMYK	0.44, 0.00, 0.05, 0.13
HSL	174°, 59%, 68%
HSV	174°, 44%, 87%
XYZ	45.9265, 60.7011, 70.9239
YIQ	190.8570, -54.6020, -23.6740

# Conversions

## Conversions Part 2

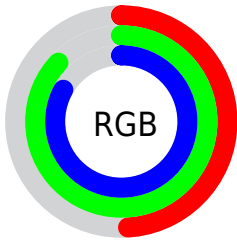
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">124, 175, 221</a>
Decimal	<a href="#">8183251</a>
CIELab	<a href="#">82.22, -31.00, -4.03</a>
CIELCh	<a href="#">82, 31.259, 187.406</a>
Yxy	<a href="#">60.7011, 0.2587, 0.3419</a>
Android (android.graphics.Color)	<a href="#">4286373331</a> ( <a href="#">0xFF7CDDD3</a> )
YUV	<a href="#">190.8570, 9.9305, -58.6336</a>
Hunter-Lab	<a href="#">77.9109, -31.1230, 0.5647</a>

# Details

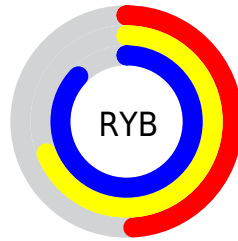
The Hex color **7CDDD3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DD7C86**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B5FFFF**, and **42A69D** is the 20% darker color. If you saturate the color by 10%, you get **66DDD1**, and if you desaturate by 10%, it is **92DDD5**.

# Distribution



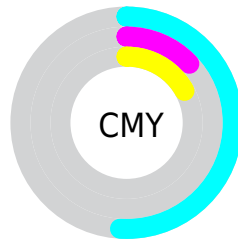
- Red (49%)
- Green (87%)
- Blue (83%)



- Red (49%)
- Yellow (69%)
- Blue (87%)



- Cyan (44%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (51%)
- Magenta (13%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CDDD3 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 7CDDD3 by changing the saturation by 10% instead.



 7CDDD3

 7CDDD3

FFFFFF

 5FC1B7

 B5FFFF

 42A69D

 D3FFFF

 1F8B83

 F0FFFF

 007169

 005851

 00403A

 002A25

 000F10

 000000

 7CDDD3

 7CDDD3

 66DDD1

 92DDD5

 50DDCE

 A8DDD8

 3ADDCC

 BEDDDA

 24DDCA

 D4DDDC

 0EDDC8

 EBDDDE

 00DDC6

 FFDDE1

 FFDDE3

 FFDDE5

 FFDDE8

# Harmonies

## Analogous

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



98DBB5



7CDDD3



74DBEF

# Triad

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



7CDDD3



DAC2FB



F5C397

# Complementary

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



7CDDD3



DD7C86

# 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.



FFBBAA



7CDDD3



F8BAE4

# Square

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



7CDDD3



B2CDFE



FFB7C6



DACD92

# Rectangle

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



7CDDD3



7FD8FD



FFB7C6



FCC09C



# Sweetspot

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



7CDDD3



DEFFFC



87DD7C



6B807D



000000



808080



# Same Dimension

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



7CDDD3



78FFF1



7CB8DD



636E6D



00AD9C



002E29



# Inverse Universe

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



DD7C86



FF7886



DDA17C



6E6364



AD0012



2E0005



# Previews

## White Background



This preview shows how the Hex color 7CDDD3 looks on a white background.

## Color Contrast Check

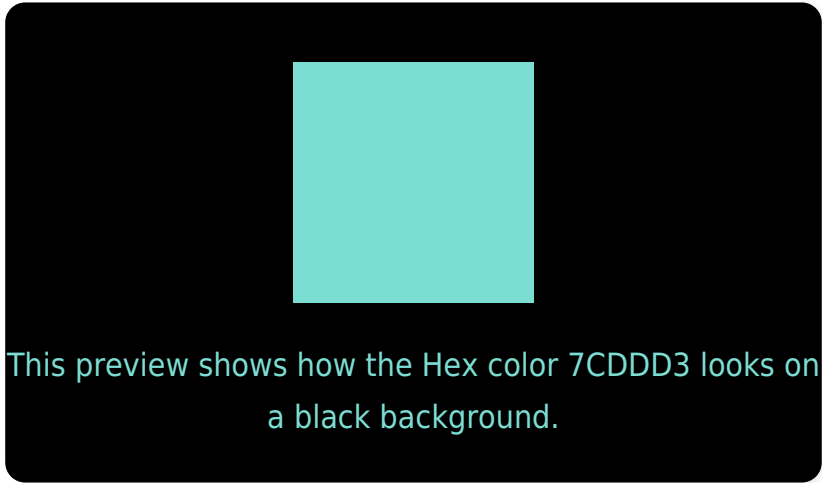
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

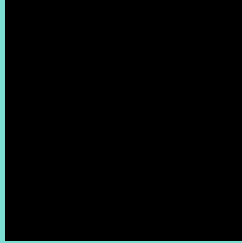
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

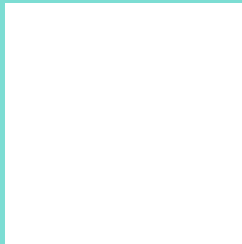
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7CDDD3 Background



This preview shows how black text looks on a background with the Hex color 7CDDD3.

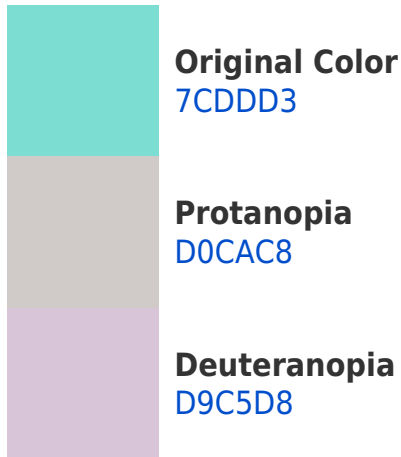


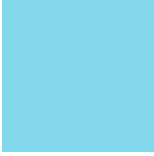
This preview shows how white text looks on a background with the Hex color 7CDDD3.

# 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**  
83D9EB

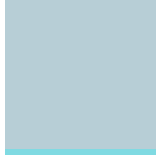
# Trichromacy



**Original Color**  
7CDDD3



**Protanomaly**  
B1D1CC



**Deuteranomaly**  
B7CED6

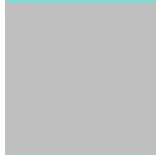


**Tritanomaly**  
80DAE2

# Monochromacy



**Original Color**  
7CDDD3



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
A7CAC6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CDDD3 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 #7CDDD3 looks like.

```
.text, #text, p{  
    color:#7CDDD3  
}
```

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 #7CDDD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CDDD3  
}
```

## Border

The CSS property to change the border of an element to Hex 7CDDD3 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  
#7CDDD3 }
```

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

```
.border{ border-color:#7CDDD3 }
```

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

Here you see how a box with a 4 pixel #7CDDD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CDDD3; -webkit-box-shadow:4px 4px  
4px 4px #7CDDD3; box-shadow:4px 4px 4px  
4px #7CDDD3 }
```

# Background

The CSS property to change the background color of an element to Hex 7CDDD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CDDD3 }
```

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

```
.background{ background-color:#7CDDD3 }
```

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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