

Converting Colors

Hex(7DCADA)

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

Hex(7DCADA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7DCADA)

Conversions

Conversions Part 1

Format	Color
Hex	7DCADA
RGB	125, 202, 218
RGB Percent	49%, 79%, 85%
CMY	0.5098, 0.2078, 0.1451
CMYK	0.43, 0.07, 0.00, 0.15
HSL	190°, 56%, 67%
HSV	190°, 43%, 85%
XYZ	42.2329, 51.6630, 74.0757
YIQ	180.8010, -51.0280, -11.3480

Conversions

Conversions Part 2

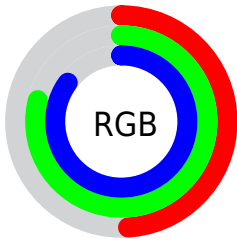
Format	Color
RYB	125, 167, 218
Decimal	8243930
CIELab	77.08, -19.66, -15.42
CIElCh	77, 24.987, 218.107
Yxy	51.6630, 0.2514, 0.3076
Android (android.graphics.Color)	4286434010 (0xFF7DCADA)
YUV	180.8010, 18.3391, -48.9375
Hunter-Lab	71.8770, -20.9032, -10.7898

Details

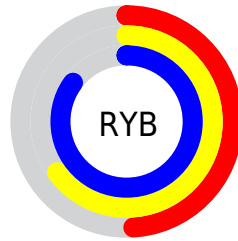
The Hex color **7DCADA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DA8D7D**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **B6FFFF**, and **4494A3** is the 20% darker color. If you saturate the color by 10%, you get **67C6DA**, and if you desaturate by 10%, it is **93CEDA**.

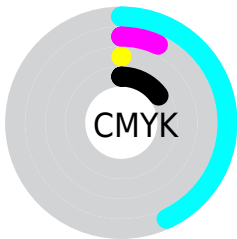
Distribution



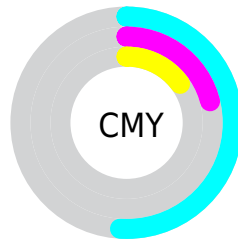
- Red (49%)
- Green (79%)
- Blue (85%)



- Red (49%)
- Yellow (65%)
- Blue (85%)



- Cyan (43%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (51%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

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

 7DCADA

 7DCADA

FFFFFF

 61AFBE


 B6FFFF

 4494A3

 D3FFFF

 257A89

 F0FFFF

 00616F

 004957

 003240

 001E2A

 000115

 000000

 7DCADA

 7DCADA

 67C6DA

 93CEDA

 51C2DA

 A9D2DA

 3CBFDA

 BED5DA

 26BBDA

 D4D9DA

 10B7DA

 EADDDA

 00B4DA

 FFE1DA

 FFE4DA

 FFE8DA

 FFECDA

Harmonies

Analogous

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



81CCC4



7DCADA



8DC5E9

Triad

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



7DCADA



E2B0D0



C9BF91

Complementary

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



7DCADA



DA8D7D

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.



DFB794



7DCADA



EDAEB9

Square

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



7DCADA



CAB6E3



ECB1A3



AFC699

Rectangle

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



7DCADA



A1C1EC



ECB1A3



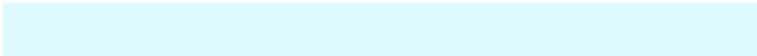
D1BC90

Sweetspot

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



7DCADA



DEF9FF



7DDA8C



6B7C80



000000



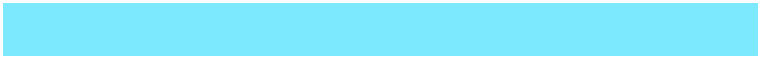
808080

Same Dimension

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



7DCADA



7DE9FF



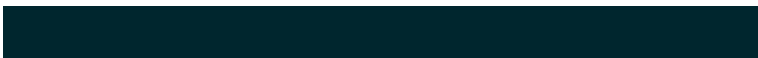
7D9CDA



636C6E



0090AD



00262E

Inverse Universe

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



DA7DCA



FF7DE9



DABB7D



6E636C



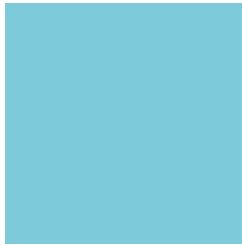
AD0090



2E0026

Previews

White Background



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

Color Contrast Check

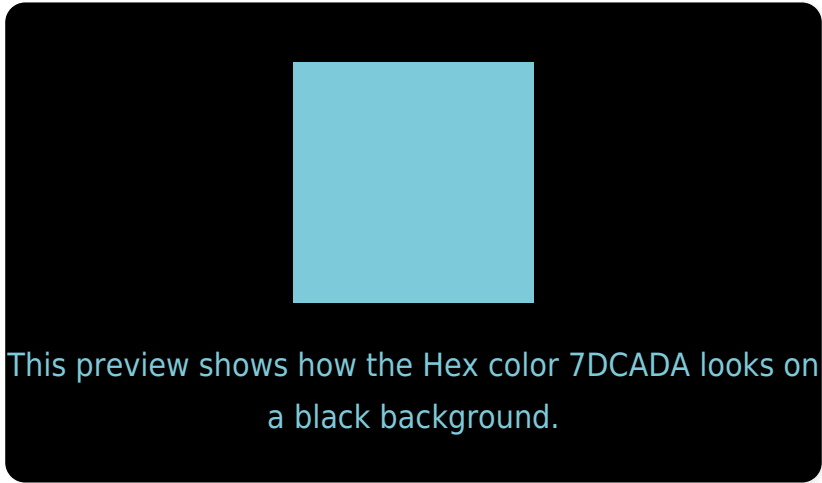
Large Text (above 18pt) WCAG AA × Fail

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 7DCADA Background



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

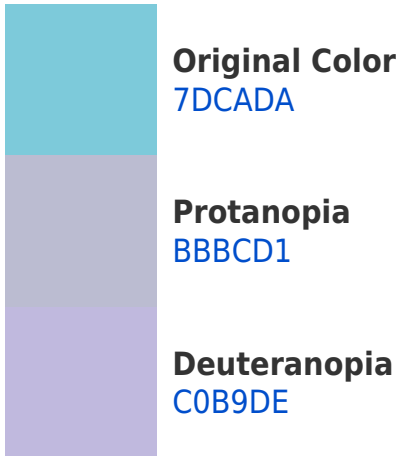


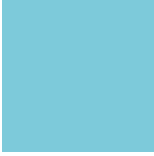
This preview shows how white text looks on a background with the Hex color 7DCADA.

Color Blindness Simulation

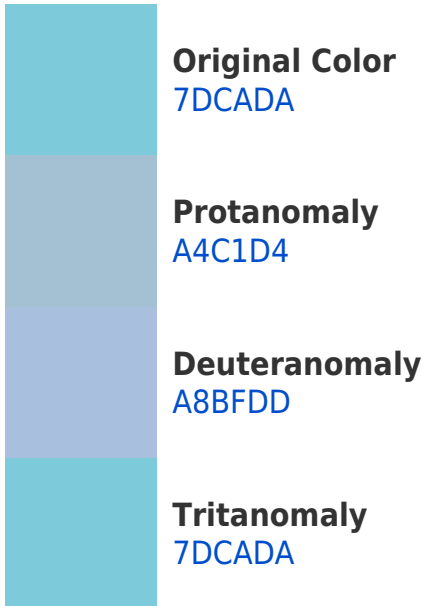
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

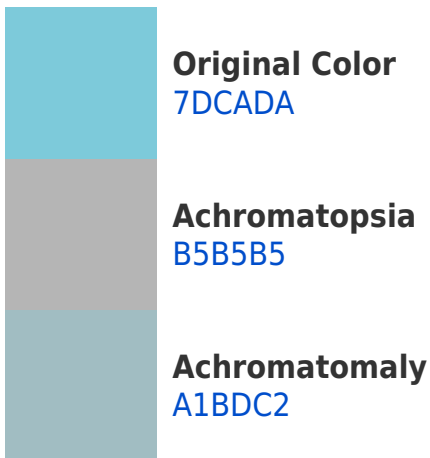




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #7DCADA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor