

Converting Colors

Hex(70CDAC)

Have a look what the booklet for
Hex(70CDAC) contains.

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Color

Hex(70CDAC)

Conversions

Conversions Part 1

Format	Color
Hex	70CDAC
RGB	112, 205, 172
RGB Percent	44%, 80%, 67%
CMY	0.5608, 0.1961, 0.3255
CMYK	0.45, 0.00, 0.16, 0.20
HSL	159°, 48%, 62%
HSV	159°, 45%, 80%
XYZ	35.9598, 50.0859, 46.8020
YIQ	173.4310, -44.8350, -29.9790

Conversions

Conversions Part 2

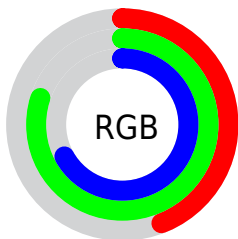
Format	Color
RYB	112, 169, 205
Decimal	7392684
CIELab	76.12, -35.45, 7.89
CIELCh	76, 36.317, 167.447
Yxy	50.0859, 0.2707, 0.3770
Android (android.graphics.Color)	4285582764 (0xFF70CDAC)
YUV	173.4310, -0.7055, -53.8750
Hunter-Lab	70.7714, -33.1520, 10.3308

Details

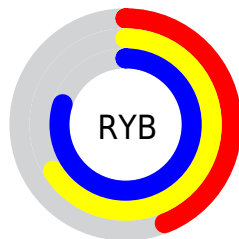
The Hex color **70CDAC** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CD7091**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **A8FFE3**, and **379678** is the 20% darker color. If you saturate the color by 10%, you get **5CCDA5**, and if you desaturate by 10%, it is **84CDB3**.

Distribution



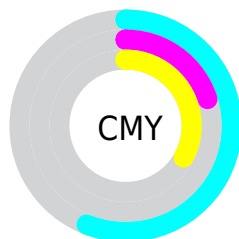
- Red (44%)
- Green (80%)
- Blue (67%)



- Red (44%)
- Yellow (66%)
- Blue (80%)



- Cyan (45%)
- Magenta (0%)
- Yellow (16%)
- Black (20%)



- Cyan (56%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70CDAC 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 70CDAC by changing the saturation by 10% instead.

 70CDAC

 70CDAC

FFFFFF

 54B191

 A8FFE3

 379678

 C5FFFF

 137C5F

 E2FFFF

 006247

 004A31

 00321C

 001E02

 000000

 70CDAC

 70CDAC

 5CCDA5

 84CDB3

 47CD9D

 99CDBB

 32CD96

 AECDC2

 1ECD8F

 C2CDC9

 09CD88

 D7CDD0

 00CD84

 EBCDD8

 FFCDDF

 FFCDE6

 FFCDED

Harmonies

Analogous

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



99C88D



70CDAC



4CCECF

Triad

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



70CDAC



ACB8FB



F6AA8C

Complementary

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



70CDAC



CD7091

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.



FEA3A9



70CDAC



D8ACE9

Square

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



70CDAC



77C3FC



F5A4CB



DFB57A

Rectangle

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



70CDAC



45CCE3



F5A4CB



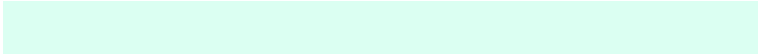
FAA795

Sweetspot

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



70CDAC



DBFFF2



92CD70



6A8078



000000



808080

Same Dimension

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



70CDAC



75FFCE



70C1CD



5C6662



00A66B



002619

Inverse Universe

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



CD7091



FF75A6



CD7C70



665C5F



A6003B



26000E

Previews

White Background



This preview shows how the Hex color 70CDAC looks on a white background.

Color Contrast Check

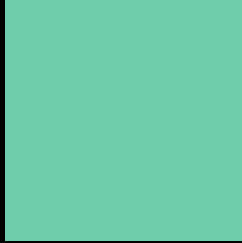
Large Text (above 18pt) WCAG AA × Fail

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 70CDAC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

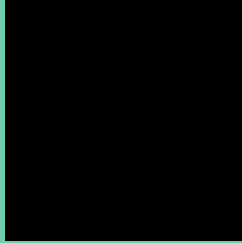
Any Text WCAG AA ✓ Pass

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 70CDAC Background



This preview shows how black text looks on a background with the Hex color 70CDAC.

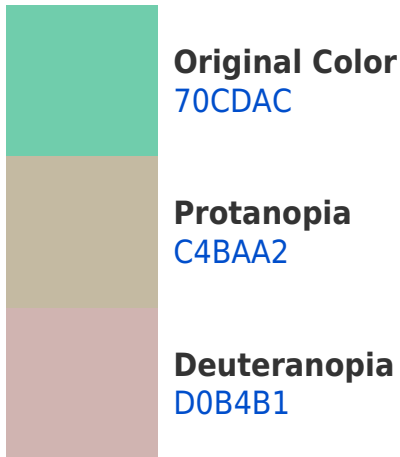


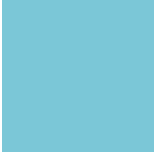
This preview shows how white text looks on a background with the Hex color 70CDAC.

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
7BC7D7

Trichromacy



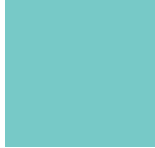
Original Color
70CDAC



Protanomaly
A5C1A6



Deuteranomaly
ADBDAF

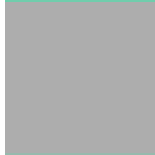


Tritanomaly
77C9C7

Monochromacy



Original Color
70CDAC



Achromatopsia
ADADAD



Achromatomaly
97B9AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 70CDAC 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 #70CDAC looks like.

```
.text, #text, p{  
    color:#70CDAC  
}
```

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 #70CDAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70CDAC
}
```

Border

The CSS property to change the border of an element to Hex 70CDAC 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
#70CDAC }
```

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

```
.border{ border-color:#70CDAC }
```

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

Here you see how a box with a 4 pixel #70CDAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70CDAC; -webkit-box-shadow:4px 4px  
4px 4px #70CDAC; box-shadow:4px 4px 4px  
4px #70CDAC }
```

Background

The CSS property to change the background color of an element to Hex 70CDAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70CDAC }
```

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

```
.background{ background-color:#70CDAC }
```

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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