

Converting Colors

Hex(70C1A7)

Have a look what the booklet for
Hex(70C1A7) contains.

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Color

Hex(70C1A7)

Conversions

Conversions Part 1

Format	Color
Hex	70C1A7
RGB	112, 193, 167
RGB Percent	44%, 76%, 65%
CMY	0.5608, 0.2431, 0.3451
CMYK	0.42, 0.00, 0.13, 0.24
HSL	161°, 40%, 60%
HSV	161°, 42%, 76%
XYZ	32.7271, 44.3747, 43.3995
YIQ	165.8170, -39.9300, -25.2580

Conversions

Conversions Part 2

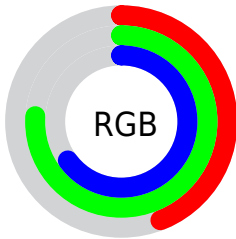
Format	Color
RYB	112, 160, 193
Decimal	7389607
CIELab	72.48, -30.92, 5.36
CIElCh	72, 31.383, 170.164
Yxy	44.3747, 0.2716, 0.3683
Android (android.graphics.Color)	4285579687 (0xFF70C1A7)
YUV	165.8170, 0.5832, -47.1975
Hunter-Lab	66.6143, -28.8794, 8.0024

Details

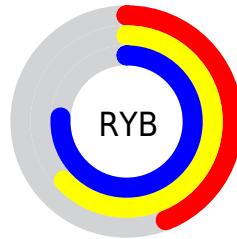
The Hex color **70C1A7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C1708A**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A7FADE**, and **398B73** is the 20% darker color. If you saturate the color by 10%, you get **5DC1A1**, and if you desaturate by 10%, it is **83C1AD**.

Distribution



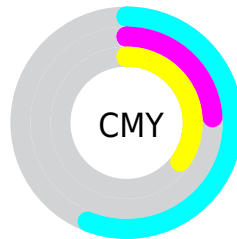
- Red (44%)
- Green (76%)
- Blue (65%)



- Red (44%)
- Yellow (63%)
- Blue (76%)



- Cyan (42%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)



- Cyan (56%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70C1A7 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 70C1A7 by changing the saturation by 10% instead.



70C1A7



70C1A7

FFFFFF



55A68D



A7FADE



398B73



C4FFFB



1A715B



E0FFFF



005843

FEFFFF



00402D



002A18



001000



000000



70C1A7



70C1A7

 5DC1A1

 83C1AD

 49C19B

 97C1B3

 36C194

 AAC1BA

 23C18E

 BDC1C0

 10C188

 D1C1C6

 00C183

 E4C1CC

 F7C1D2

 FFC1D9

 FFC1DF

Harmonies

Analogous

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



91BD8C



70C1A7



57C1C5

Triad

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



70C1A7



A9AEE7



E3A387

Complementary

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



70C1A7



C1708A

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.



EB9D9F



70C1A7



CDA4D7

Square

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



70C1A7



7EB7EA



E49DBC



CFAD79

Rectangle

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



70C1A7



56C0D6



E49DBC



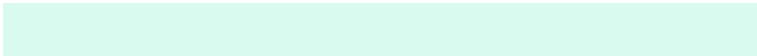
E7A18E

Sweetspot

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



70C1A7



D9FAEF



8BC170



697D77



FCFCFC



7D7D7D

Same Dimension

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



70C1A7



7DFAD2



70B3C1



57615E



00A16D



002117

Inverse Universe

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



C1708A



FA7DA5



C17E70



61575A



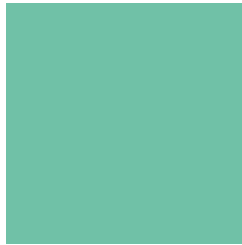
A10034



21000B

Previews

White Background



This preview shows how the Hex color 70C1A7 looks on a white background.

Color Contrast Check

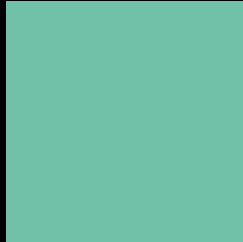
Large Text (above 18pt) WCAG AA × Fail

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 70C1A7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

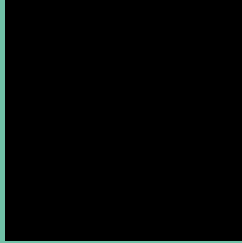
Any Text WCAG AA ✓ Pass

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 70C1A7 Background



This preview shows how black text looks on a background with the Hex color 70C1A7.

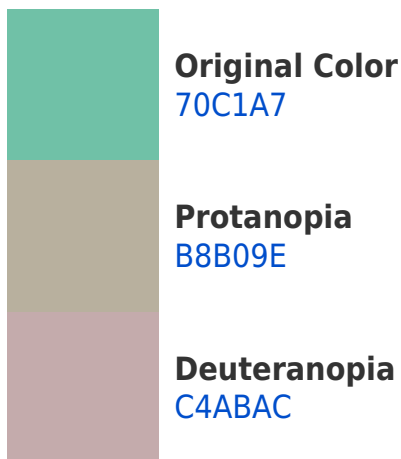


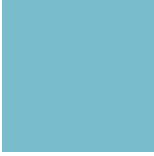
This preview shows how white text looks on a background with the Hex color 70C1A7.

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](#).

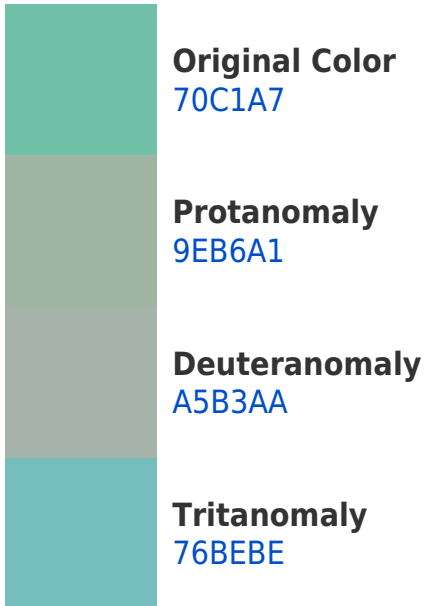
Dichromacy



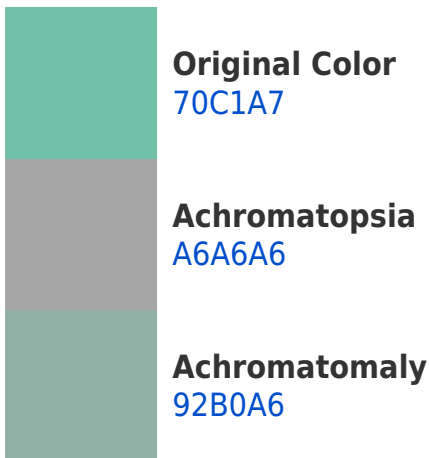


Tritanopia
79BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70C1A7 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 #70C1A7 looks like.

```
.text, #text, p{  
    color:#70C1A7  
}
```

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 #70C1A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70C1A7
}
```

Border

The CSS property to change the border of an element to Hex 70C1A7 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
#70C1A7 }
```

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

```
.border{ border-color:#70C1A7 }
```

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

Here you see how a box with a 4 pixel #70C1A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70C1A7; -webkit-box-shadow:4px 4px  
4px 4px #70C1A7; box-shadow:4px 4px 4px  
4px #70C1A7 }
```

Background

The CSS property to change the background color of an element to Hex 70C1A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70C1A7 }
```

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

```
.background{ background-color:#70C1A7 }
```

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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