

Converting Colors

Hex(71C0AF)

Have a look what the booklet for
Hex(71C0AF) contains.

Hex(71C0AF)	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(71C0AF)

Conversions

Conversions Part 1

Format	Color
Hex	71C0AF
RGB	113, 192, 175
RGB Percent	44%, 75%, 69%
CMY	0.5569, 0.2471, 0.3137
CMYK	0.41, 0.00, 0.09, 0.25
HSL	167°, 39%, 60%
HSV	167°, 41%, 75%
XYZ	33.3976, 44.3051, 47.3489
YIQ	166.4410, -41.6270, -22.0350

Conversions

Conversions Part 2

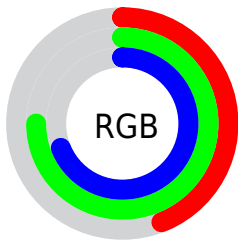
Format	Color
RYB	113, 157, 192
Decimal	7454895
CIELab	72.43, -28.35, 0.95
CIElCh	72, 28.361, 178.090
Yxy	44.3051, 0.2671, 0.3543
Android (android.graphics.Color)	4285644975 (0xFF71C0AF)
YUV	166.4410, 4.2196, -46.8678
Hunter-Lab	66.5621, -26.9212, 4.4175

Details

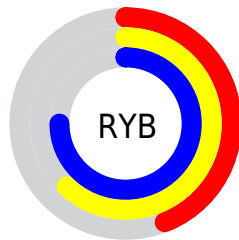
The Hex color **71C0AF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C07182**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A8F9E6**, and **3A8A7B** is the 20% darker color. If you saturate the color by 10%, you get **5EC0AB**, and if you desaturate by 10%, it is **84C0B3**.

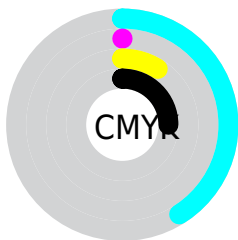
Distribution



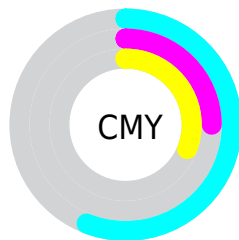
- Red (44%)
- Green (75%)
- Blue (69%)



- Red (44%)
- Yellow (62%)
- Blue (75%)



- Cyan (41%)
- Magenta (0%)
- Yellow (9%)
- Black (25%)



- Cyan (56%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71C0AF 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 71C0AF by changing the saturation by 10% instead.



71C0AF



71C0AF

FFFFFF



56A594



A8F9E6



3A8A7B



C5FFFF



1B7062



E2FFFF



00574A



004034



00291E



001006



000000



71C0AF



71C0AF

 5EC0AB

 84C0B3

 4BC0A7

 97C0B7

 37C0A3

 ABC0BB

 24C09E

 BEC0C0

 11C09A

 D1C0C4

 00C097

 E4C0C8

 F7C0CC

 FFC0D0

 FFC0D4

Harmonies

Analogous

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



8DBD95



71C0AF



62BFC9

Triad

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



71C0AF



B3ACDF



DBA787

Complementary

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



71C0AF



C07182

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.



E6A09A



71C0AF



D1A3CD

Square

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



71C0AF



8EB5E5



E39FB4



C6AF7E

Rectangle

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



71C0AF



67BDD7



E39FB4



E0A48C

Sweetspot

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



71C0AF



DCF3F3



82C071



6B7D79



FCFCFC



7D7D7D

Same Dimension

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



71C0AF



7FFAE0



71AAC0



57615F



00A17E



00211A

Inverse Universe

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



C07182



FA7F9A



C08771



615759



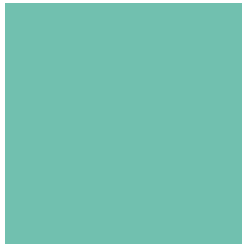
A10023



210007

Previews

White Background



This preview shows how the Hex color 71C0AF looks on a white background.

Color Contrast Check

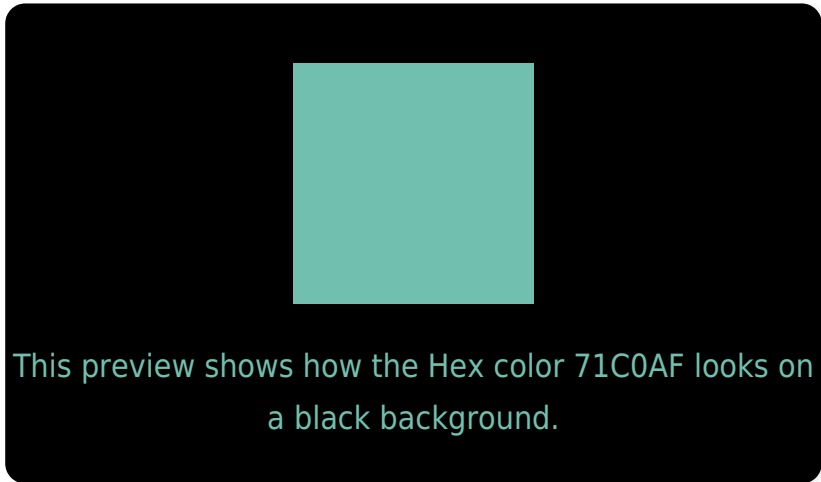
Large Text (above 18pt) WCAG AA × Fail

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

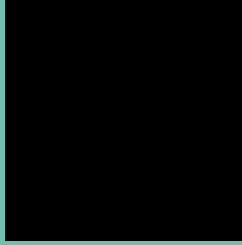
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

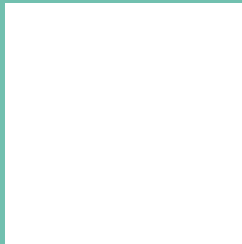
Any Text WCAG AAA ✓ Pass

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

Hex 71C0AF Background



This preview shows how black text looks on a background with the Hex color 71C0AF.

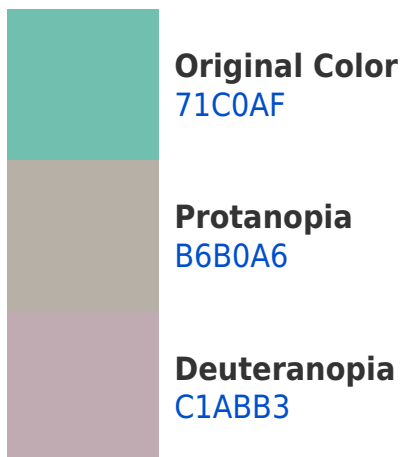


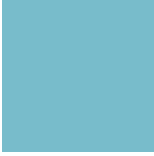
This preview shows how white text looks on a background with the Hex color 71C0AF.

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](#).

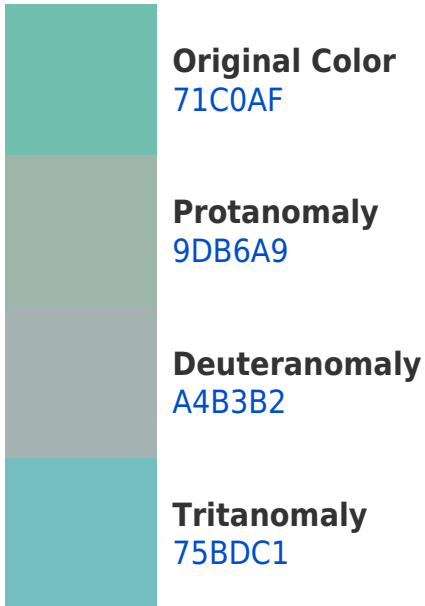
Dichromacy



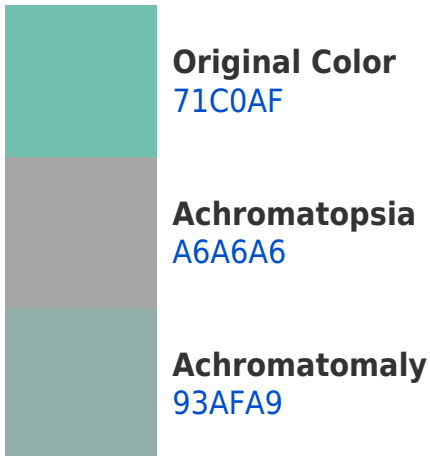


Tritanopia
78BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71C0AF 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 #71C0AF looks like.

```
.text, #text, p{  
    color:#71C0AF  
}
```

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 #71C0AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71C0AF
}
```

Border

The CSS property to change the border of an element to Hex 71C0AF 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
#71C0AF }
```

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

```
.border{ border-color:#71C0AF }
```

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

Here you see how a box with a 4 pixel #71C0AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71C0AF; -webkit-box-shadow:4px 4px  
4px 4px #71C0AF; box-shadow:4px 4px 4px  
4px #71C0AF }
```

Background

The CSS property to change the background color of an element to Hex 71C0AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71C0AF }
```

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

```
.background{ background-color:#71C0AF }
```

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