

# Converting Colors

Hex(71C3AB)

Have a look what the booklet for  
Hex(71C3AB) contains.

<b>Hex(71C3AB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(71C3AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71C3AB
RGB	113, 195, 171
RGB Percent	44%, 76%, 67%
CMY	0.5569, 0.2353, 0.3294
CMYK	0.42, 0.00, 0.12, 0.24
HSL	162°, 41%, 60%
HSV	162°, 42%, 76%
XYZ	33.6758, 45.4812, 45.5319
YIQ	167.7460, -41.1680, -24.8480

# Conversions

## Conversions Part 2

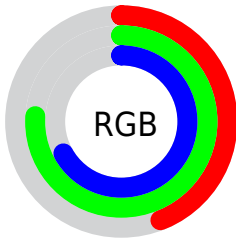
Format	Color
<a href="#">RYB</a>	<a href="#">113, 161, 195</a>
Decimal	<a href="#">7455659</a>
CIELab	<a href="#">73.21, -30.71, 4.25</a>
CIElCh	<a href="#">73, 31.003, 172.128</a>
Yxy	<a href="#">45.4812, 0.2701, 0.3648</a>
Android (android.graphics.Color)	<a href="#">4285645739 (0xFF71C3AB)</a>
YUV	<a href="#">167.7460, 1.6042, -48.0122</a>
Hunter-Lab	<a href="#">67.4397, -28.8861, 7.1782</a>

# Details

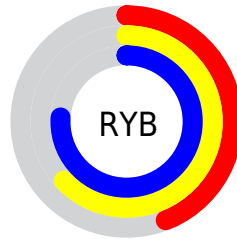
The Hex color **71C3AB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C37189**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **A8FCE2**, and **3A8D77** is the 20% darker color. If you saturate the color by 10%, you get **5DC3A5**, and if you desaturate by 10%, it is **85C3B1**.

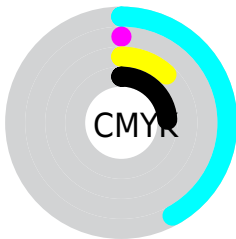
# Distribution



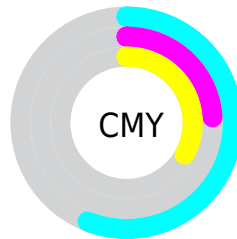
- Red (44%)
- Green (76%)
- Blue (67%)



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



- Cyan (42%)
- Magenta (0%)
- Yellow (12%)
- Black (24%)



- Cyan (56%)
- Magenta (24%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71C3AB 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 71C3AB by changing the saturation by 10% instead.



 71C3AB

 71C3AB

FFFFFF

 56A891

 A8FCE2

 3A8D77

 C5FFFF

 1B735E

 E2FFFF


 005A47

 004230

 002B1B

 001301

 000000

 71C3AB

 71C3AB

■ 5DC3A5

■ 85C3B1

■ 4AC3A0

■ 98C3B6

■ 37C39A

■ ABC3BC

■ 23C394

■ BFC3C2

■ 10C38E

■ D2C3C8

■ 00C38A

■ E6C3CD

■ F9C3D3

■ FFC3D9

■ FFC3DE

# Harmonies

## Analogous

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



91BF90



71C3AB



5AC3C8

# Triad

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



71C3AB



AEAFE8



E4A688

# Complementary

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



71C3AB



C37189

# 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.



EDA0A0



71C3AB



D1A5D7

# Square

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



71C3AB



84B9EB



E79FBC



CFAF7C

# Rectangle

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



71C3AB



5BC1D9



E79FBC



E8A38F

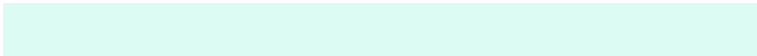


# Sweetspot

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



71C3AB



DCFCF3



8AC371



6B807A



000000



808080

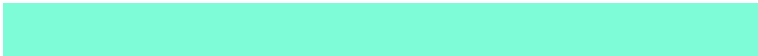


# Same Dimension

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



71C3AB



7EFCDB



71B3C3



57615E



00A172



002117



# Inverse Universe

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



C37189



FC7EA3



C38171



61575A



A1002F

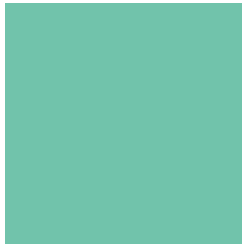


21000A



# Previews

## White Background



This preview shows how the Hex color 71C3AB looks on a white background.

## Color Contrast Check

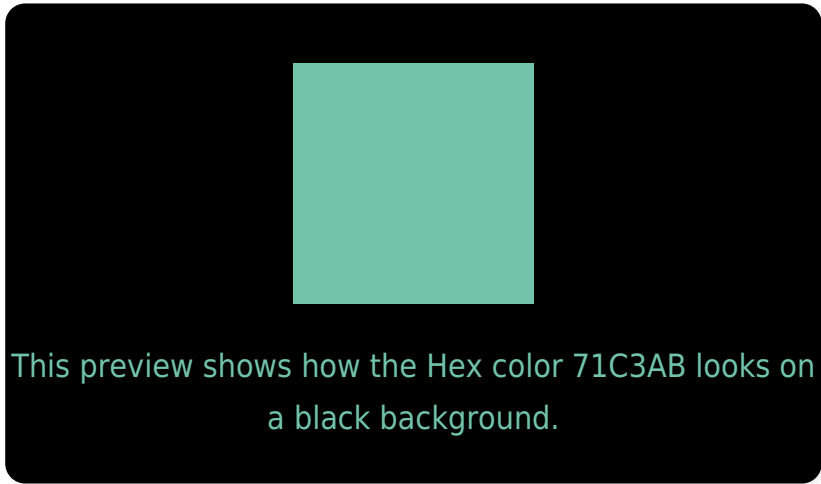
Large Text (above 18pt) WCAG AA × Fail

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

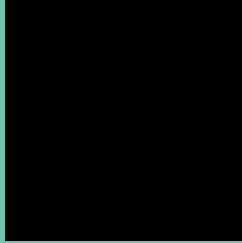
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 71C3AB Background



This preview shows how black text looks on a background with the Hex color 71C3AB.

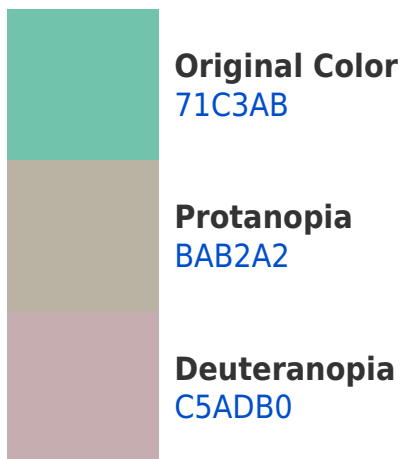


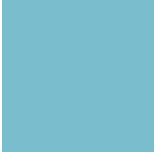
This preview shows how white text looks on a background with the Hex color 71C3AB.

# 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](#).

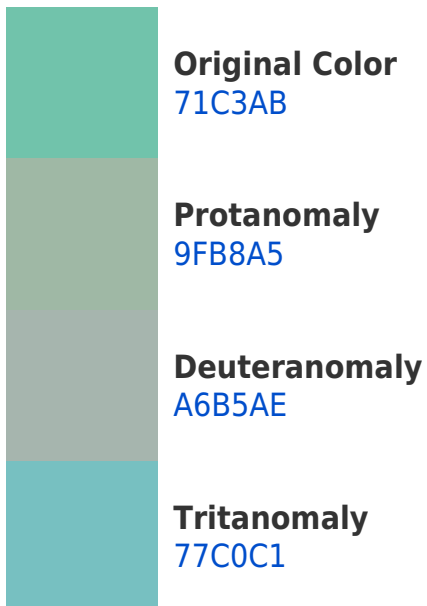
## Dichromacy



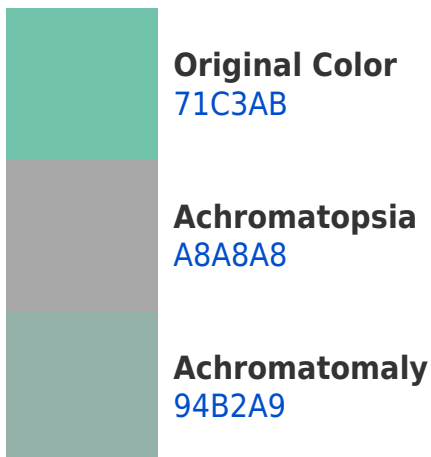


**Tritanopia**  
7ABECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71C3AB 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 #71C3AB looks like.

```
.text, #text, p{  
  color:#71C3AB  
}
```

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 #71C3AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71C3AB
}
```

## Border

The CSS property to change the border of an element to Hex 71C3AB 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
#71C3AB }
```

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

```
.border{ border-color:#71C3AB }
```

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

Here you see how a box with a 4 pixel #71C3AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71C3AB; -webkit-box-shadow:4px 4px  
4px 4px #71C3AB; box-shadow:4px 4px 4px  
4px #71C3AB }
```

# Background

The CSS property to change the background color of an element to Hex 71C3AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71C3AB }
```

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

```
.background{ background-color:#71C3AB }
```

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