

# Converting Colors

Hex(63C7AB)

Have a look what the booklet for  
Hex(63C7AB) contains.

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**Color**

**Hex(63C7AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63C7AB
RGB	99, 199, 171
RGB Percent	39%, 78%, 67%
CMY	0.6118, 0.2196, 0.3294
CMYK	0.50, 0.00, 0.14, 0.22
HSL	163°, 47%, 58%
HSV	163°, 50%, 78%
XYZ	32.9197, 46.4398, 45.7568
YIQ	165.9080, -50.6120, -29.9080

# Conversions

## Conversions Part 2

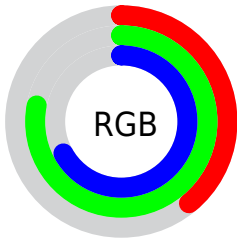
Format	Color
<a href="#">RYB</a>	<a href="#">99, 157, 199</a>
Decimal	<a href="#">6539179</a>
CIELab	<a href="#">73.83, -36.06, 5.07</a>
CIElCh	<a href="#">74, 36.417, 171.992</a>
Yxy	<a href="#">46.4398, 0.2631, 0.3712</a>
Android (android.graphics.Color)	<a href="#">4284729259 (0xFF63C7AB)</a>
YUV	<a href="#">165.9080, 2.5104, -58.6783</a>
Hunter-Lab	<a href="#">68.1467, -33.0286, 7.8927</a>

# Details

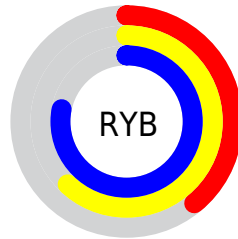
The Hex color **63C7AB** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C7637F**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **9CFFE2**, and **259077** is the 20% darker color. If you saturate the color by 10%, you get **4FC7A5**, and if you desaturate by 10%, it is **77C7B1**.

# Distribution



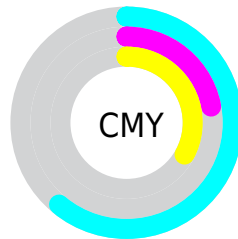
- Red (39%)
- Green (78%)
- Blue (67%)



- Red (39%)
- Yellow (62%)
- Blue (78%)



- Cyan (50%)
- Magenta (0%)
- Yellow (14%)
- Black (22%)



- Cyan (61%)
- Magenta (22%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63C7AB 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 63C7AB by changing the saturation by 10% instead.



 63C7AB

 63C7AB

FFFFFF

 46AB91

 9CFFE2

 259077

 B9FFFF

 00765E

 D6FFFF

 005D47

 F3FFFF

 004530

 002E1B

 001601

 000000

 63C7AB

 63C7AB

 4FC7A5

 77C7B1

 3BC7A0

 8BC7B6

 27C79A

 9FC7BC

 13C795

 B3C7C1

 00C78F

 C7C7C7

 DAC7CC

 EEC7D2

 FFC7D8

 FFC7DD

# Harmonies

## Analogous

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



8CC38B



63C7AB



3FC7CD

# Triad

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



63C7AB



ADB0F3



EDA582

# Complementary

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



63C7AB



C7637F

# 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.



F79D9E



63C7AB



D7A4DF

# Square

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



63C7AB



78BBF7



F19DC0



D4B073

# Rectangle

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



63C7AB



3DC5E1



F19DC0



F2A28A

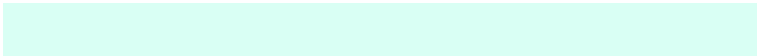


# Sweetspot

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



63C7AB



D9FFF4



7FC763



698079



000000



808080



# Same Dimension

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



63C7AB



66FFD4



63B1C7



5A6361



00A376



00241A



# Inverse Universe

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



C7637F



FF6691



C77963



635A5C



A3002E

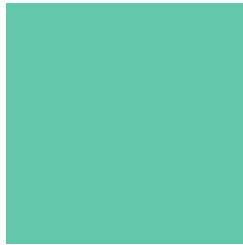


24000A



# Previews

## White Background



This preview shows how the Hex color 63C7AB looks on a white background.

## Color Contrast Check

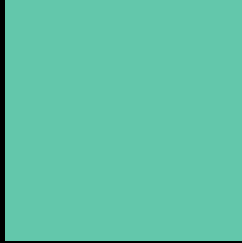
Large Text (above 18pt) WCAG AA × Fail

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 63C7AB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

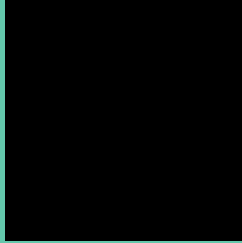
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 63C7AB Background



This preview shows how black text looks on a background with the Hex color 63C7AB.

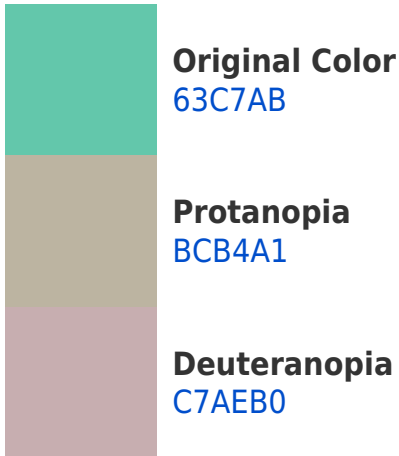


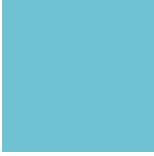
This preview shows how white text looks on a background with the Hex color 63C7AB.

# 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**  
6EC2D1

# Trichromacy



**Original Color**  
63C7AB



**Protanomaly**  
9CBBA5



**Deuteranomaly**  
A3B7AE



**Tritanomaly**  
6AC4C3

# Monochromacy



**Original Color**  
63C7AB



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
8EB2A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63C7AB 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 #63C7AB looks like.

```
.text, #text, p{  
    color:#63C7AB  
}
```

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 #63C7AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63C7AB
}
```

## Border

The CSS property to change the border of an element to Hex 63C7AB 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
#63C7AB }
```

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

```
.border{ border-color:#63C7AB }
```

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

Here you see how a box with a 4 pixel #63C7AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63C7AB; -webkit-box-shadow:4px 4px  
4px 4px #63C7AB; box-shadow:4px 4px 4px  
4px #63C7AB }
```

# Background

The CSS property to change the background color of an element to Hex 63C7AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63C7AB }
```

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

```
.background{ background-color:#63C7AB }
```

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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