

Converting Colors

Hex(63C9AD)

Have a look what the booklet for
Hex(63C9AD) contains.

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Color

Hex(63C9AD)

Conversions

Conversions Part 1

Format	Color
Hex	63C9AD
RGB	99, 201, 173
RGB Percent	39%, 79%, 68%
CMY	0.6118, 0.2118, 0.3216
CMYK	0.51, 0.00, 0.14, 0.21
HSL	164°, 49%, 59%
HSV	164°, 51%, 79%
XYZ	33.5751, 47.4431, 46.9230
YIQ	167.3100, -51.8040, -30.3320

Conversions

Conversions Part 2

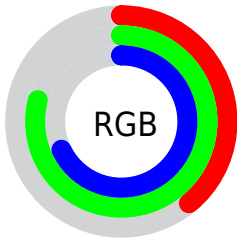
Format	Color
RYB	99, 158, 201
Decimal	6539693
CIELab	74.47, -36.52, 4.92
CIElCh	74, 36.845, 172.328
Yxy	47.4431, 0.2624, 0.3708
Android (android.graphics.Color)	4284729773 (0xFF63C9AD)
YUV	167.3100, 2.8052, -59.9079
Hunter-Lab	68.8789, -33.5282, 7.8246

Details

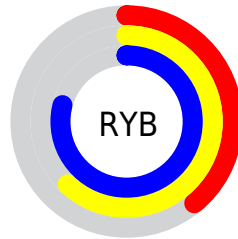
The Hex color **63C9AD** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C9637F**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **9CFFE4**, and **259279** is the 20% darker color. If you saturate the color by 10%, you get **4FC9A7**, and if you desaturate by 10%, it is **77C9B3**.

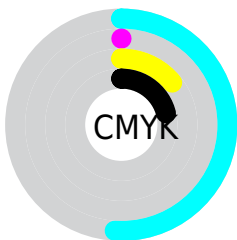
Distribution



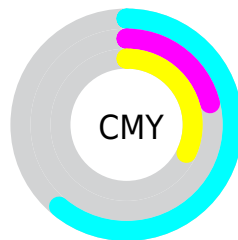
- Red (39%)
- Green (79%)
- Blue (68%)



- Red (39%)
- Yellow (62%)
- Blue (79%)



- Cyan (51%)
- Magenta (0%)
- Yellow (14%)
- Black (21%)



- Cyan (61%)
- Magenta (21%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63C9AD 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 63C9AD by changing the saturation by 10% instead.

 63C9AD

 63C9AD

FFFFFF

 46AD92

 9CFFE4

 259279

 B9FFFF

 007860

 D6FFFF

 005F48

 F4FFFF

 004632

 002F1D

 001803

 000000

 63C9AD

 63C9AD

 4FC9A7

 77C9B3

 3BC9A2

 8BC9B8

 27C99C

 9FC9BE

 13C997

 B3C9C3

 00C992

 C8C9C9

 DCC9CE

 F0C9D4

 FFC9D9

 FFC9DF

Harmonies

Analogous

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



8DC58D



63C9AD



3EC9D0

Triad

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



63C9AD



AFB2F6



EFA783

Complementary

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



63C9AD



C9637F

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.



FA9F9F



63C9AD



DAA6E1

Square

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



63C9AD



7ABDFA



F39EC1



D6B274

Rectangle

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



63C9AD



3CC7E4



F39EC1



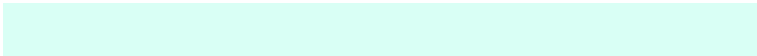
F4A38B

Sweetspot

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



63C9AD



D9FFF5



80C963



698079



000000



808080

Same Dimension

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



63C9AD



63FFD4



63B3C9



5A6361



00A376



00241A

Inverse Universe

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



C9637F



FF638E



C97963



635A5C



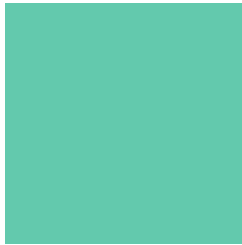
A3002D



24000A

Previews

White Background



This preview shows how the Hex color 63C9AD 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 63C9AD 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

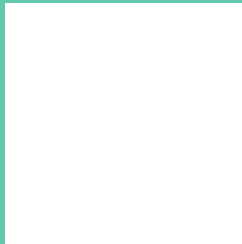
Any Text WCAG AAA ✓ Pass

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

Hex 63C9AD Background



This preview shows how black text looks on a background with the Hex color 63C9AD.

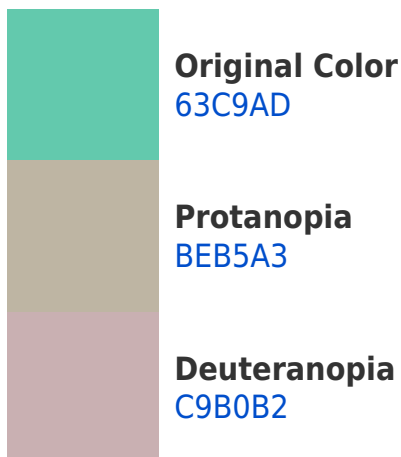


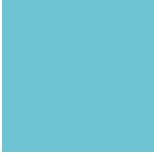
This preview shows how white text looks on a background with the Hex color 63C9AD.

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](#).

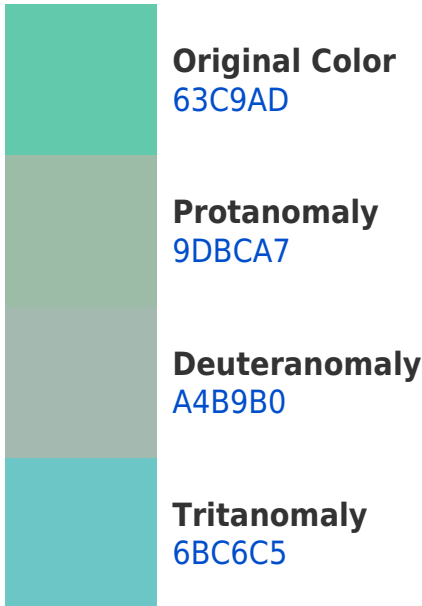
Dichromacy



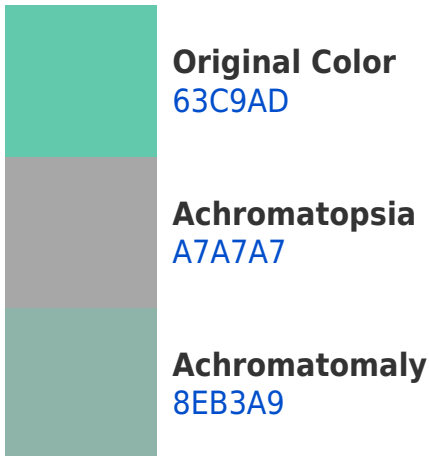


Tritanopia
6FC4D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63C9AD 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 #63C9AD looks like.

```
.text, #text, p{  
    color:#63C9AD  
}
```

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 #63C9AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63C9AD
}
```

Border

The CSS property to change the border of an element to Hex 63C9AD 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
#63C9AD }
```

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

```
.border{ border-color:#63C9AD }
```

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

Here you see how a box with a 4 pixel #63C9AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63C9AD; -webkit-box-shadow:4px 4px  
4px 4px #63C9AD; box-shadow:4px 4px 4px  
4px #63C9AD }
```

Background

The CSS property to change the background color of an element to Hex 63C9AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63C9AD }
```

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

```
.background{ background-color:#63C9AD }
```

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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