

Converting Colors

Hex(63C1AA)

Have a look what the booklet for
Hex(63C1AA) contains.

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Color

Hex(63C1AA)

Conversions

Conversions Part 1

Format	Color
Hex	63C1AA
RGB	99, 193, 170
RGB Percent	39%, 76%, 67%
CMY	0.6118, 0.2431, 0.3333
CMYK	0.49, 0.00, 0.12, 0.24
HSL	165°, 43%, 57%
HSV	165°, 49%, 76%
XYZ	31.4713, 43.6949, 44.8055
YIQ	162.2720, -48.6410, -27.0810

Conversions

Conversions Part 2

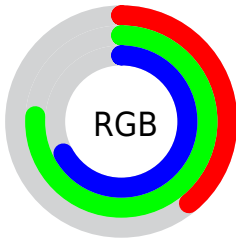
Format	Color
RYB	99, 153, 193
Decimal	6537642
CIELab	72.02, -33.51, 3.01
CIElCh	72, 33.640, 174.874
Yxy	43.6949, 0.2623, 0.3642
Android (android.graphics.Color)	4284727722 (0xFF63C1AA)
YUV	162.2720, 3.8099, -55.4895
Hunter-Lab	66.1021, -30.6947, 6.0834

Details

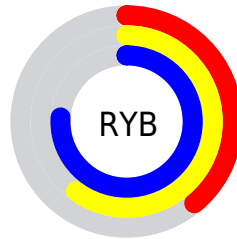
The Hex color **63C1AA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C1637A**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **9BFAE1**, and **278B76** is the 20% darker color. If you saturate the color by 10%, you get **50C1A5**, and if you desaturate by 10%, it is **76C1AF**.

Distribution



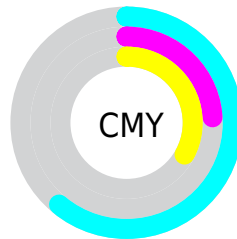
- Red (39%)
- Green (76%)
- Blue (67%)



- Red (39%)
- Yellow (60%)
- Blue (76%)



- Cyan (49%)
- Magenta (0%)
- Yellow (12%)
- Black (24%)



- Cyan (61%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63C1AA 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 63C1AA by changing the saturation by 10% instead.



63C1AA



63C1AA

FFFFFF



46A690



9BFAE1



278B76



B8FFFE



00715D



D5FFFF



005846



F2FFFF



00402F



00291B



000E00



000000



63C1AA



63C1AA

■ 50C1A5

■ 76C1AF

■ 3CC1A1

■ 8AC1B3

■ 29C19C

■ 9DC1B8

■ 16C197

■ B0C1BD

■ 02C192

■ C4C1C2

■ 00C192

■ D7C1C6

■ EAC1CB

■ FDC1D0

■ FFC1D5

Harmonies

Analogous

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



88BD8C



63C1AA



48C1C9

Triad

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



63C1AA



ADABE8



E2A27F

Complementary

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



63C1AA



C1637A

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.



ED9B98



63C1AA



D3A0D4

Square

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



63C1AA



7FB5ED



E99AB7



CBAD73

Rectangle

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



63C1AA



4ABFDB



E99AB7



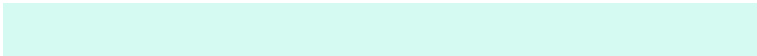
E79F87

Sweetspot

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



63C1AA



D4FAF1



7BC163



667D77



FCFCFC



7D7D7D

Same Dimension

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



63C1AA



69FAD6



63AAC1



57615F



00A179



002119

Inverse Universe

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



C1637A



FA698C



C17B63



61575A



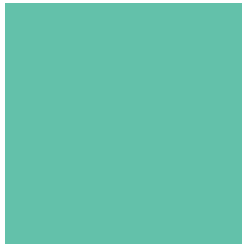
A10027



210008

Previews

White Background



This preview shows how the Hex color 63C1AA 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 63C1AA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

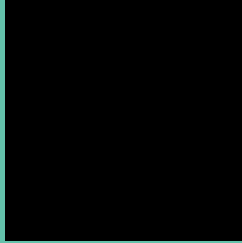
Any Text WCAG AA ✓ Pass

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 63C1AA Background



This preview shows how black text looks on a background with the Hex color 63C1AA.



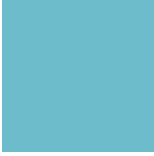
This preview shows how white text looks on a background with the Hex color 63C1AA.

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](#).

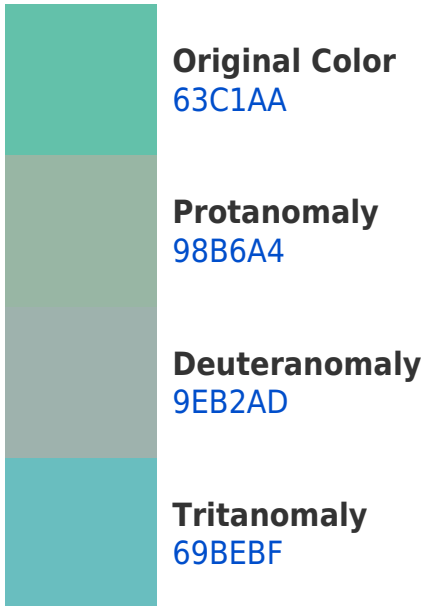
Dichromacy



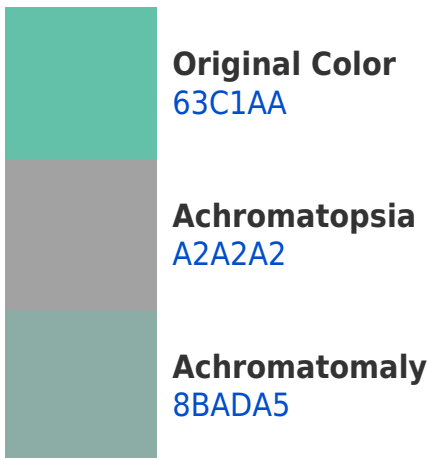


Tritanopia
6DBCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63C1AA 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 #63C1AA looks like.

```
.text, #text, p{  
    color:#63C1AA  
}
```

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 #63C1AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63C1AA
}
```

Border

The CSS property to change the border of an element to Hex 63C1AA 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
#63C1AA }
```

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

```
.border{ border-color:#63C1AA }
```

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

Here you see how a box with a 4 pixel #63C1AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63C1AA; -webkit-box-shadow:4px 4px  
4px 4px #63C1AA; box-shadow:4px 4px 4px  
4px #63C1AA }
```

Background

The CSS property to change the background color of an element to Hex 63C1AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63C1AA }
```

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

```
.background{ background-color:#63C1AA }
```

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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