

Converting Colors

Hex(0C9A9A)

Have a look what the booklet for
Hex(0C9A9A) contains.

Hex(0C9A9A)	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(0C9A9A)

Conversions

Conversions Part 1

Format	Color
Hex	0C9A9A
RGB	12, 154, 154
RGB Percent	5%, 60%, 60%
CMY	0.9529, 0.3961, 0.3961
CMYK	0.92, 0.00, 0.00, 0.40
HSL	180°, 86%, 33%
HSV	180°, 92%, 60%
XYZ	17.5400, 25.5225, 34.5737
YIQ	111.5420, -84.6320, -30.1040

Conversions

Conversions Part 2

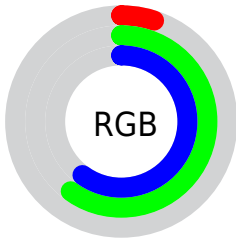
Format	Color
RYB	12, 83, 154
Decimal	826010
CIELab	57.58, -32.49, -9.58
CIElCh	58, 33.878, 196.429
Yxy	25.5225, 0.2259, 0.3287
Android (android.graphics.Color)	4279016090 (0xFF0C9A9A)
YUV	111.5420, 20.9318, -87.2983
Hunter-Lab	50.5198, -26.4362, -5.2119

Details

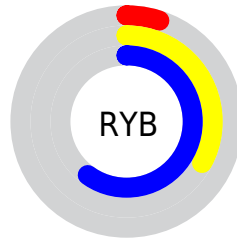
The Hex color **0C9A9A** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9A0C0C**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **5ED1D0**, and **006667** is the 20% darker color. If you saturate the color by 10%, you get **009A9A**, and if you desaturate by 10%, it is **1B9A9A**.

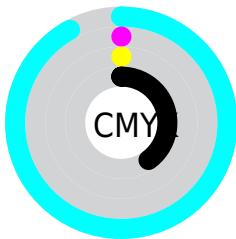
Distribution



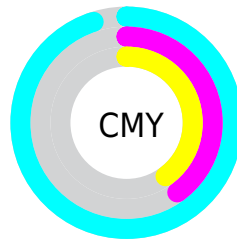
- Red (5%)
- Green (60%)
- Blue (60%)



- Red (5%)
- Yellow (33%)
- Blue (60%)



- Cyan (92%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)



- Cyan (95%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C9A9A 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 0C9A9A by changing the saturation by 10% instead.

 0C9A9A

 0C9A9A

FFFFFF

 008080

 5ED1D0

 006667

 7CEDED

 004E4F

 9AFFFF

 003638

 B7FFFF

 002323

 D5FFFF

 00010D

 F3FFFF

 000000

 0C9A9A

 0C9A9A

 009A9A

 1B9A9A

 2B9A9A

 3A9A9A

 4A9A9A

 599A9A

 689A9A

 789A9A

 879A9A

 979A9A

Harmonies

Analogous

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



45997B



0C9A9A



0097B4

Triad

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



0C9A9A



A27DB3



A98451

Complementary

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



0C9A9A



9A0C0C

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.



BD7A61



0C9A9A



BB7599

Square

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



0C9A9A



7988C3



C4737B



8D8E50

Rectangle

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



0C9A9A



3094C0



C4737B



B18055

Sweetspot

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



0C9A9A



91C9C9



0C9A0C



436666



E6E6E6



666666

Same Dimension

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



0C9A9A



00C9C9



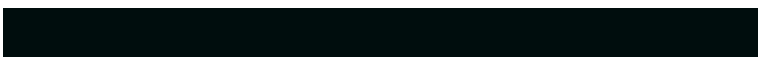
0C539A



454D4D



008C8C



000D0D

Inverse Universe

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



9A0C9A



C900C9



9A530C



4D454D



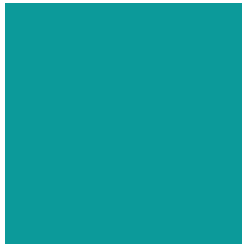
8C008C



0D000D

Previews

White Background



This preview shows how the Hex color 0C9A9A looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 0C9A9A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

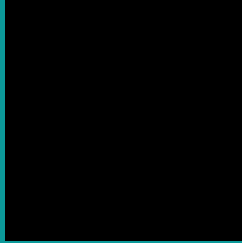
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 0C9A9A Background



This preview shows how black text looks on a background with the Hex color 0C9A9A.

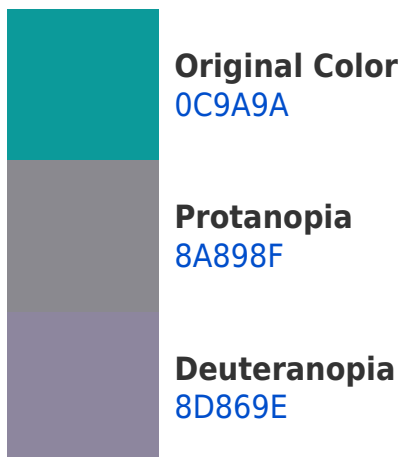


This preview shows how white text looks on a background with the Hex color 0C9A9A.

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
1E98A5

Trichromacy



Original Color
0C9A9A



Protanomaly
5C8F93



Deuteranomaly
5E8D9D



Tritanomaly
1799A1

Monochromacy



Original Color
0C9A9A



Achromatopsia
707070



Achromatomaly
4C7F7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C9A9A 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 #0C9A9A looks like.

```
.text, #text, p{  
  color:#0C9A9A  
}
```

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 #0C9A9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C9A9A
}
```

Border

The CSS property to change the border of an element to Hex 0C9A9A 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
#0C9A9A }
```

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

```
.border{ border-color:#0C9A9A }
```

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

Here you see how a box with a 4 pixel #0C9A9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C9A9A; -webkit-box-shadow:4px 4px  
4px 4px #0C9A9A; box-shadow:4px 4px 4px  
4px #0C9A9A }
```

Background

The CSS property to change the background color of an element to Hex 0C9A9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C9A9A }
```

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

```
.background{ background-color:#0C9A9A }
```

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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