

Converting Colors

Hex(0C8AA1)

Have a look what the booklet for
Hex(0C8AA1) contains.

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Color

Hex(0C8AA1)

Conversions

Conversions Part 1

Format	Color
Hex	0C8AA1
RGB	12, 138, 161
RGB Percent	5%, 54%, 63%
CMY	0.9529, 0.4588, 0.3686
CMYK	0.93, 0.14, 0.00, 0.37
HSL	189°, 86%, 34%
HSV	189°, 93%, 63%
XYZ	15.6731, 20.8283, 36.9124
YIQ	102.9480, -82.4790, -19.5590

Conversions

Conversions Part 2

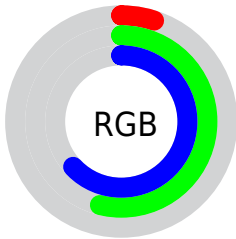
Format	Color
RYB	12, 80, 161
Decimal	821921
CIELab	52.76, -22.20, -20.90
CIELCh	53, 30.491, 223.274
Yxy	20.8283, 0.2135, 0.2837
Android (android.graphics.Color)	4279012001 (0xFF0C8AA1)
YUV	102.9480, 28.6196, -79.7614
Hunter-Lab	45.6381, -18.5658, -16.0076

Details

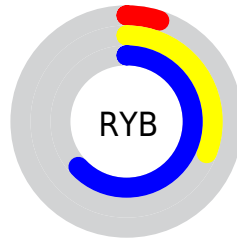
The Hex color **0C8AA1** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A1230C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **5CC0D8**, and **00586D** is the 20% darker color. If you saturate the color by 10%, you get **0088A1**, and if you desaturate by 10%, it is **1C8CA1**.

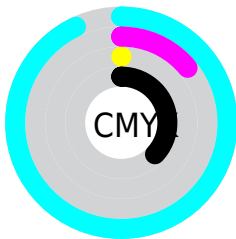
Distribution



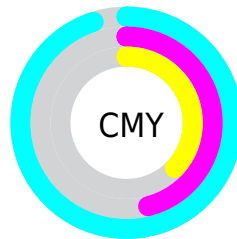
- Red (5%)
- Green (54%)
- Blue (63%)



- Red (5%)
- Yellow (31%)
- Blue (63%)



- Cyan (93%)
- Magenta (14%)
- Yellow (0%)
- Black (37%)



- Cyan (95%)
- Magenta (46%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C8AA1 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 0C8AA1 by changing the saturation by 10% instead.

 0C8AA1

 0C8AA1

FFFFFF

 007087

 5CC0D8

 00586D

 7ADCF4

 004055

 98F8FF

 002A3E

 B5FFFF

 001328

 D3FFFF

 000112

 F1FFFF

 000000

 0C8AA1

 0C8AA1

 0088A1

 1C8CA1

 2C8FA1

 3C91A1

 4C94A1

 5D96A1

 6D99A1

 7D9BA1

 8D9EA1

 9DA0A1

Harmonies

Analogous

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



1E8C89



0C8AA1



3D85B0

Triad

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



0C8AA1



A86B8E



84804A

Complementary

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



0C8AA1



A1230C

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.



9C774C



0C8AA1



B16A73

Square

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



0C8AA1



9073A4



AC6F5B



678757

Rectangle

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



0C8AA1



5D80B2



AC6F5B



8C7D49

Sweetspot

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



0C8AA1



97C8D1



0CA122



456369



E8E8E8



696969

Same Dimension

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



0C8AA1



00B1D1



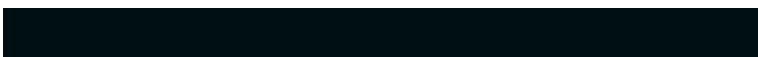
0C40A1



495052



007B91



000F12

Inverse Universe

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



A10C8A



D100B1



A16D0C



524950



91007B



12000F

Previews

White Background



This preview shows how the Hex color 0C8AA1 looks on a white background.

Color Contrast Check

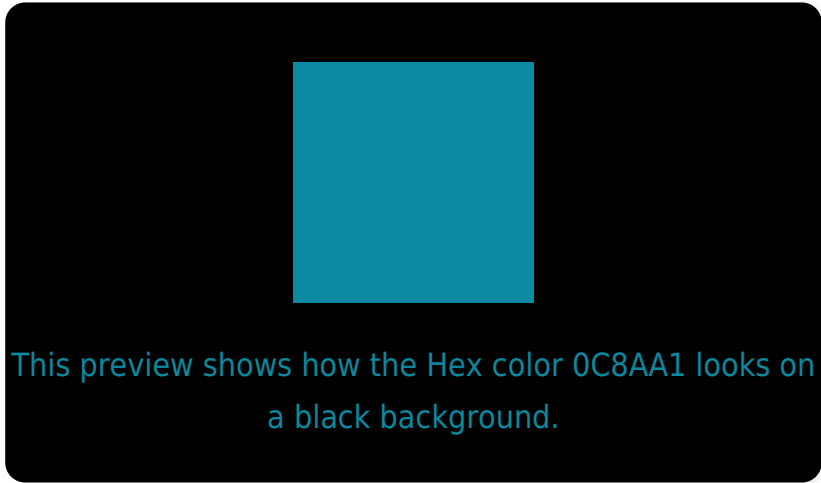
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

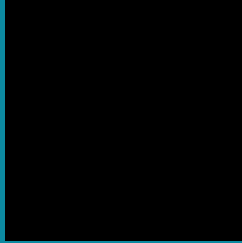
Any Text WCAG AA ✓ Pass

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 0C8AA1 Background



This preview shows how black text looks on a background with the Hex color 0C8AA1.

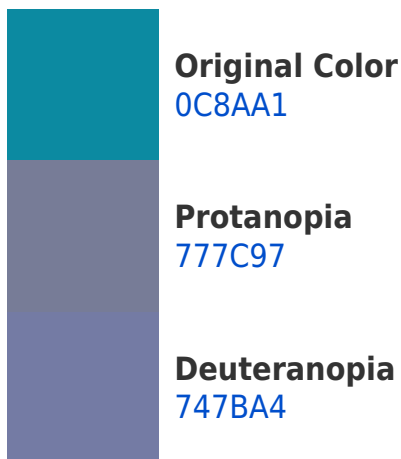


This preview shows how white text looks on a background with the Hex color 0C8AA1.

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
008B96

Trichromacy



Original Color
0C8AA1



Protanomaly
50819B



Deuteranomaly
4E80A3



Tritanomaly
048B9A

Monochromacy



Original Color
0C8AA1



Achromatopsia
676767



Achromatomaly
46747C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C8AA1 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 #0C8AA1 looks like.

```
.text, #text, p{  
    color:#0C8AA1  
}
```

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 #0C8AA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C8AA1
}
```

Border

The CSS property to change the border of an element to Hex 0C8AA1 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
#0C8AA1 }
```

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

```
.border{ border-color:#0C8AA1 }
```

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

Here you see how a box with a 4 pixel #0C8AA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C8AA1; -webkit-box-shadow:4px 4px  
4px 4px #0C8AA1; box-shadow:4px 4px 4px  
4px #0C8AA1 }
```

Background

The CSS property to change the background color of an element to Hex 0C8AA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C8AA1 }
```

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

```
.background{ background-color:#0C8AA1 }
```

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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