

Converting Colors

Hex(0CC19A)

Have a look what the booklet for
Hex(0CC19A) contains.

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Color

Hex(0CC19A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 0CC19A |
| RGB | 12, 193, 154 |
| RGB Percent | 5%, 76%, 60% |
| CMY | 0.9529, 0.2431, 0.3961 |
| CMYK | 0.94, 0.00, 0.20, 0.24 |
| HSL | 167°, 88%, 40% |
| HSV | 167°, 94%, 76% |
| XYZ | 25.0543, 40.5512, 37.0785 |
| YIQ | 134.4350, -95.3570, -50.5010 |

Conversions

Conversions Part 2

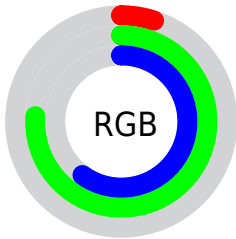
| Format | Color |
|-------------------------------------|--|
| RYB | 12, 113, 193 |
| Decimal | 835994 |
| CIELab | 69.86, -49.50, 8.37 |
| CIElCh | 70, 50.199, 170.401 |
| Yxy | 40.5512, 0.2440, 0.3949 |
| Android (android.graphics.Color) | 4279026074 (0xFF0CC19A) |
| YUV | 134.4350, 9.6455, -107.3755 |
| Hunter-Lab | 63.6798, -41.2103, 10.0534 |

Details

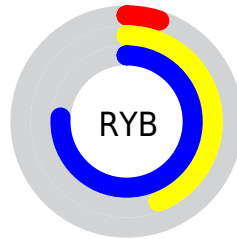
The Hex color **0CC19A** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **C10C33**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **66FAD0**, and **008A67** is the 20% darker color. If you saturate the color by 10%, you get **00C197**, and if you desaturate by 10%, it is **1FC19E**.

Distribution



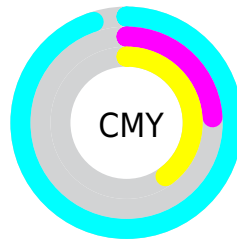
- Red (5%)
- Green (76%)
- Blue (60%)



- Red (5%)
- Yellow (44%)
- Blue (76%)



- Cyan (94%)
- Magenta (0%)
- Yellow (20%)
- Black (24%)



- Cyan (95%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CC19A 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 0CC19A by changing the saturation by 10% instead.

 0CC19A

 0CC19A

FFFFFF

 00A580

 66FAD0

 008A67

 86FFED

 00704F

 A4FFFF

 005638

 C3FFFF

 003E23

 E2FFFF

 00280D

 000000

 0CC19A

 0CC19A

 00C197

 1FC19E

 33C1A2

 46C1A6

 59C1AB

 6DC1AF

 80C1B3

 93C1B7

 A6C1BB

 BAC1BF

Harmonies

Analogous

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



72BC6F



0CC19A



00C2C9

Triad

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



0CC19A



97A4FF



F29266

Complementary

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



0CC19A



C10C33

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.



FF868D



0CC19A



D593E5

Square

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



0CC19A



26B4FF



F886BB



D2A34F

Rectangle

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



0CC19A



00C0E5



F886BB



F98D72

Sweetspot

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



0CC19A



B4FAEB



33C10C



527D74



FCFCFC



7D7D7D

Same Dimension

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



0CC19A



00FAC4



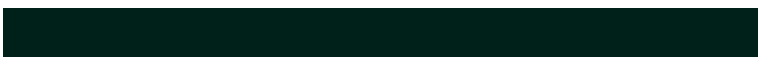
0C8EC1



57615F



00A17E



00211A

Inverse Universe

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



C10C33



FA0036



C13F0C



615759



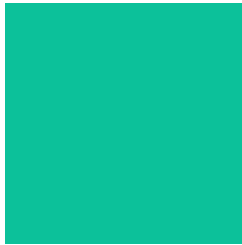
A10023



210007

Previews

White Background



This preview shows how the Hex color 0CC19A looks on a white background.

Color Contrast Check

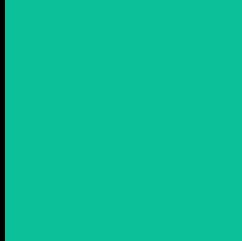
Large Text (above 18pt) WCAG AA × Fail

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 0CC19A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

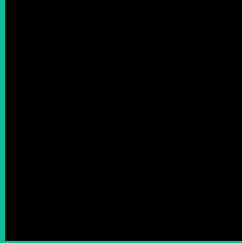
Any Text WCAG AA ✓ Pass

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 0CC19A Background



This preview shows how black text looks on a background with the Hex color 0CC19A.

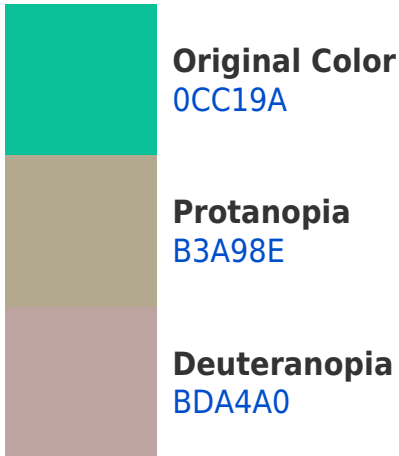


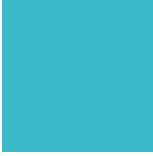
This preview shows how white text looks on a background with the Hex color 0CC19A.

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





Trichromacy



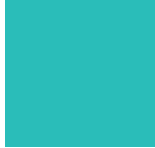
Original Color
0CC19A



Protanomaly
76B292



Deuteranomaly
7DAF9E



Tritanomaly
2ABDB9

Monochromacy



Original Color
0CC19A



Achromatopsia
868686



Achromatomaly
5A9B8D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CC19A 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 #0CC19A looks like.

```
.text, #text, p{  
    color:#0CC19A  
}
```

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 #0CC19A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CC19A
}
```

Border

The CSS property to change the border of an element to Hex 0CC19A 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
#0CC19A }
```

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

```
.border{ border-color:#0CC19A }
```

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

Here you see how a box with a 4 pixel #0CC19A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CC19A; -webkit-box-shadow:4px 4px  
4px 4px #0CC19A; box-shadow:4px 4px 4px  
4px #0CC19A }
```

Background

The CSS property to change the background color of an element to Hex 0CC19A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CC19A }
```

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

```
.background{ background-color:#0CC19A }
```

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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