

Converting Colors

Hex(03C9A6)

Have a look what the booklet for
Hex(03C9A6) contains.

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Color

Hex(03C9A6)

Conversions

Conversions Part 1

Format	Color
Hex	03C9A6
RGB	3, 201, 166
RGB Percent	1%, 79%, 65%
CMY	0.9882, 0.2118, 0.3490
CMYK	0.99, 0.00, 0.17, 0.21
HSL	169°, 97%, 40%
HSV	169°, 99%, 79%
XYZ	27.8071, 44.5458, 43.2090
YIQ	137.8080, -106.7730, -52.8610

Conversions

Conversions Part 2

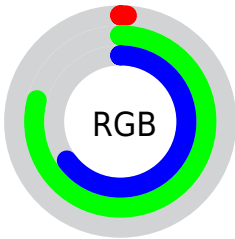
Format	Color
RYB	3, 112, 201
Decimal	248230
CIELab	72.59, -49.93, 5.77
CIElCh	73, 50.267, 173.406
Yxy	44.5458, 0.2406, 0.3855
Android (android.graphics.Color)	4278438310 (0xFF03C9A6)
YUV	137.8080, 13.8987, -118.2266
Hunter-Lab	66.7427, -42.4308, 8.3357

Details

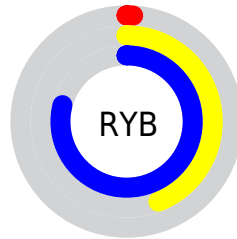
The Hex color **03C9A6** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **C90326**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **67FFDD**, and **009272** is the 20% darker color. If you saturate the color by 10%, you get **00C9A5**, and if you desaturate by 10%, it is **17C9AA**.

Distribution



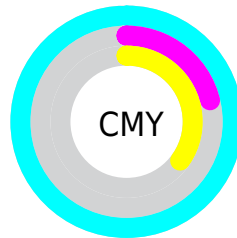
- Red (1%)
- Green (79%)
- Blue (65%)



- Red (1%)
- Yellow (44%)
- Blue (79%)



- Cyan (99%)
- Magenta (0%)
- Yellow (17%)
- Black (21%)



- Cyan (99%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03C9A6 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 03C9A6 by changing the saturation by 10% instead.



03C9A6



03C9A6

FFFFFF



00AD8C



67FFDD



009272



87FFFA



00775A



A6FFFF



005D42



C5FFFF



00452C



E4FFFF



002E18



001000



000000



03C9A6



03C9A6

■ 00C9A5

■ 17C9AA

■ 2BC9AD

■ 3FC9B1

■ 53C9B4

■ 68C9B8

■ 7CC9BB

■ 90C9BF

■ A4C9C2

■ B8C9C6

Harmonies

Analogous

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



73C479



03C9A6



00C9D5

Triad

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



03C9A6



A6AAFF



F89B6A

Complementary

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



03C9A6



C90326

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.



FF8E90



03C9A6



E198E9

Square

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



03C9A6



46BAFF



FF8DBE



D7AC55

Rectangle

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



03C9A6



00C7F0



FF8DBE



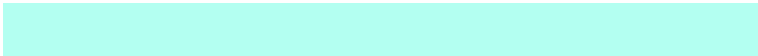
FF9675

Sweetspot

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



03C9A6



B3FFF1



27C903



528077



000000



808080

Same Dimension

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



03C9A6



00FFD2



038AC9



5A6362



00A386



00241D

Inverse Universe

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



C90326



FF002D



C94203



635A5B



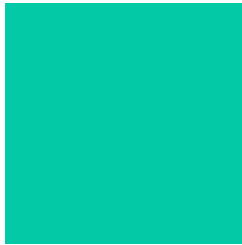
A3001D



240006

Previews

White Background



This preview shows how the Hex color 03C9A6 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 03C9A6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

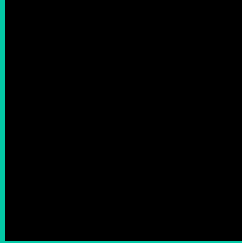
Any Text WCAG AA ✓ Pass

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 03C9A6 Background



This preview shows how black text looks on a background with the Hex color 03C9A6.

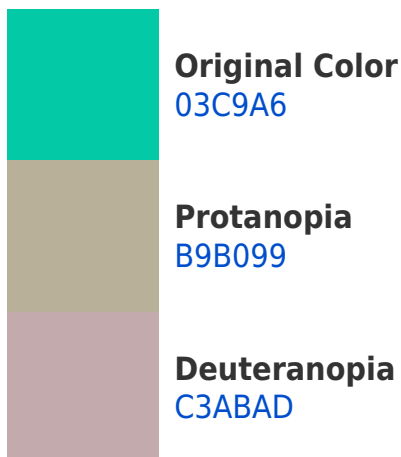


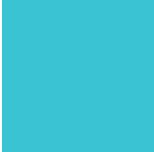
This preview shows how white text looks on a background with the Hex color 03C9A6.

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
3AC3D3

Trichromacy



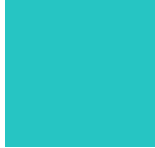
Original Color
03C9A6



Protanomaly
77B99E



Deuteranomaly
7DB6AA



Tritanomaly
26C5C3

Monochromacy



Original Color
03C9A6



Achromatopsia
8A8A8A



Achromatomaly
59A194

CSS Examples

Text

The CSS property to change the color of the text to Hex 03C9A6 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 #03C9A6 looks like.

```
.text, #text, p{  
    color:#03C9A6  
}
```

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 #03C9A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03C9A6
}
```

Border

The CSS property to change the border of an element to Hex 03C9A6 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
#03C9A6 }
```

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

```
.border{ border-color:#03C9A6 }
```

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

Here you see how a box with a 4 pixel #03C9A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03C9A6; -webkit-box-shadow:4px 4px  
4px 4px #03C9A6; box-shadow:4px 4px 4px  
4px #03C9A6 }
```

Background

The CSS property to change the background color of an element to Hex 03C9A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03C9A6 }
```

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

```
.background{ background-color:#03C9A6 }
```

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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