

Converting Colors

Hex(0A9883)

Have a look what the booklet for
Hex(0A9883) contains.

Hex(0A9883)	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(0A9883)

Conversions

Conversions Part 1

Format	Color
Hex	0A9883
RGB	10, 152, 131
RGB Percent	4%, 60%, 51%
CMY	0.9608, 0.4039, 0.4863
CMYK	0.93, 0.00, 0.14, 0.40
HSL	171°, 88%, 32%
HSV	171°, 93%, 60%
XYZ	15.4501, 24.1597, 25.3217
YIQ	107.1480, -77.8910, -36.6350

Conversions

Conversions Part 2

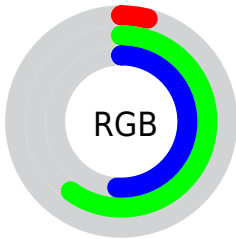
Format	Color
RYB	10, 87, 152
Decimal	694403
CIELab	56.25, -38.53, 1.57
CIElCh	56, 38.565, 177.662
Yxy	24.1597, 0.2379, 0.3721
Android (android.graphics.Color)	4278884483 (0xFF0A9883)
YUV	107.1480, 11.7590, -85.1988
Hunter-Lab	49.1525, -29.9089, 3.8626

Details

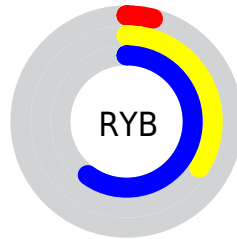
The Hex color **0A9883** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **980A1F**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5ACFB8**, and **006452** is the 20% darker color. If you saturate the color by 10%, you get **009882**, and if you desaturate by 10%, it is **199885**.

Distribution



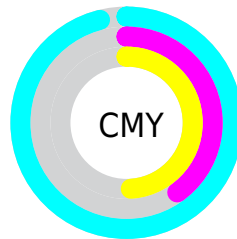
- Red (4%)
- Green (60%)
- Blue (51%)



- Red (4%)
- Yellow (34%)
- Blue (60%)



- Cyan (93%)
- Magenta (0%)
- Yellow (14%)
- Black (40%)



- Cyan (96%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A9883 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 0A9883 by changing the saturation by 10% instead.

 0A9883

 0A9883

FFFFFF

 007E6A

 5ACFB8

 006452

 78ECD4

 004B3B

 96FFF0

 003425

 B3FFF

 001E10

 D0FFF

 000000

 EEEFF

 0A9883

 0A9883

 009882

 199885

 289887

 38988A

 47988C

 56988E

 659890

 749893

 849895

 939897

Harmonies

Analogous

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



539562



0A9883



0098A5

Triad

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



0A9883



867FC2



B8784F

Complementary

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



0A9883



980A1F

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.



C66E6A



0A9883



AE73AB

Square

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



0A9883



498BCA



C36C8B



9E8443

Rectangle

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



0A9883



0095B8



C36C8B



BE7457

Sweetspot

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



0A9883



8DC4BC



1F980A



42635E



E3E3E3



636363

Same Dimension

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



0A9883



00C4A7



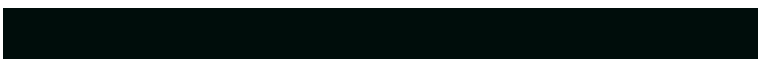
0A6698



454D4B



008C78



000D0B

Inverse Universe

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



980A1F



C4001D



983C0A



4D4546



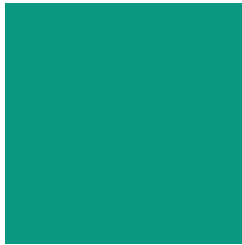
8C0015



0D0002

Previews

White Background



This preview shows how the Hex color 0A9883 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 0A9883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

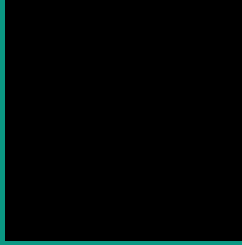
Any Text WCAG AA ✓ Pass

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 0A9883 Background



This preview shows how black text looks on a background with the Hex color 0A9883.

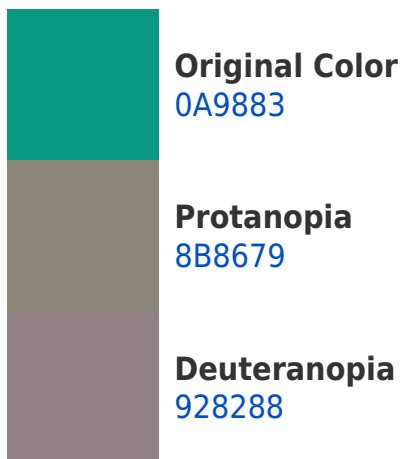


This preview shows how white text looks on a background with the Hex color 0A9883.

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
2A94A0

Trichromacy



Original Color
0A9883



Protanomaly
5C8D7D



Deuteranomaly
618A86



Tritanomaly
1E9595

Monochromacy



Original Color
0A9883



Achromatopsia
6B6B6B



Achromatomaly
487B74

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A9883 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 #0A9883 looks like.

```
.text, #text, p{  
    color:#0A9883  
}
```

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 #0A9883 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A9883
}
```

Border

The CSS property to change the border of an element to Hex 0A9883 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
#0A9883 }
```

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

```
.border{ border-color:#0A9883 }
```

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

Here you see how a box with a 4 pixel #0A9883 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A9883; -webkit-box-shadow:4px 4px  
4px 4px #0A9883; box-shadow:4px 4px 4px  
4px #0A9883 }
```

Background

The CSS property to change the background color of an element to Hex 0A9883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A9883 }
```

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

```
.background{ background-color:#0A9883 }
```

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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