

# Converting Colors

Hex(0A9995)

Have a look what the booklet for  
Hex(0A9995) contains.

<b>Hex(0A9995)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(0A9995)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A9995
RGB	10, 153, 149
RGB Percent	4%, 60%, 58%
CMY	0.9608, 0.4000, 0.4157
CMYK	0.93, 0.00, 0.03, 0.40
HSL	178°, 88%, 32%
HSV	178°, 93%, 60%
XYZ	16.9412, 25.0169, 32.3696
YIQ	109.7870, -83.9440, -31.5600

# Conversions

## Conversions Part 2

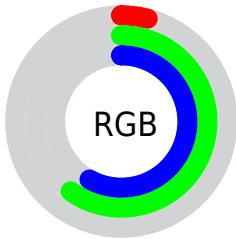
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	10, 83, 153
Decimal	694677
CIE <sub>Lab</sub>	57.09, -33.66, -7.46
CIE <sub>LCh</sub>	57, 34.480, 192.497
Yxy	25.0169, 0.2279, 0.3366
Android (android.graphics.Color)	4278884757 (0xFF0A9995)
YUV	109.7870, 19.3320, -87.5132
Hunter-Lab	50.0169, -27.0699, -3.3591

# Details

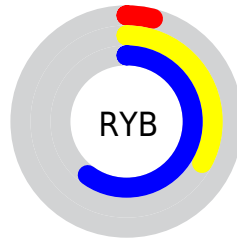
The Hex color **0A9995** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **990A0E**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **5CD0CB**, and **006562** is the 20% darker color. If you saturate the color by 10%, you get **009995**, and if you desaturate by 10%, it is **199995**.

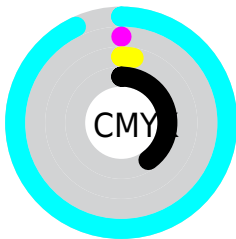
# Distribution



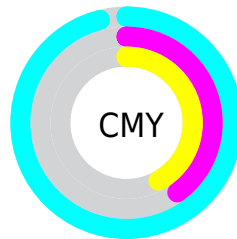
- Red (4%)
- Green (60%)
- Blue (58%)



- Red (4%)
- Yellow (33%)
- Blue (60%)



- Cyan (93%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)



- Cyan (96%)
- Magenta (40%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A9995 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 0A9995 by changing the saturation by 10% instead.



 0A9995

 0A9995

FFFFFF

 007F7B

 5CD0CB

 006562

 7BECE7

 004D4B

 98FFFF

 003534

 B6FFFF

 00211F

 D4FFFF

 000006

 F2FFFF

 000000

 0A9995

 0A9995

 009995

 199995

■ 299996

■ 389996

■ 479997

■ 569997

■ 669998

■ 759998

■ 849998

■ 949999

# Harmonies

## Analogous

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



489876



0A9995



0097B1

# Triad

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



0A9995



9C7DB6



AB8150

# Complementary

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



0A9995



990A0E

# 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.



BE7762



0A9995



B8749C

# Square

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



0A9995



7188C4



C3717D



908B4D

# Rectangle

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



0A9995



2093BE



C3717D



B37E54



# Sweetspot

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



0A9995



8FC7C5



0F990A



426363



E3E3E3



636363



# Same Dimension

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



0A9995



00C7C1



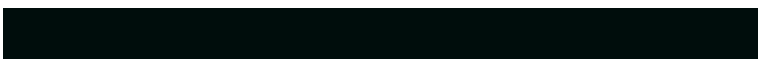
0A5699



454D4C



008C88



000D0C



# Inverse Universe

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



990A0E



C70006



994D0A



4D4545



8C0004



0D0000



# Previews

## White Background



This preview shows how the Hex color 0A9995 looks on a white background.

## Color Contrast Check

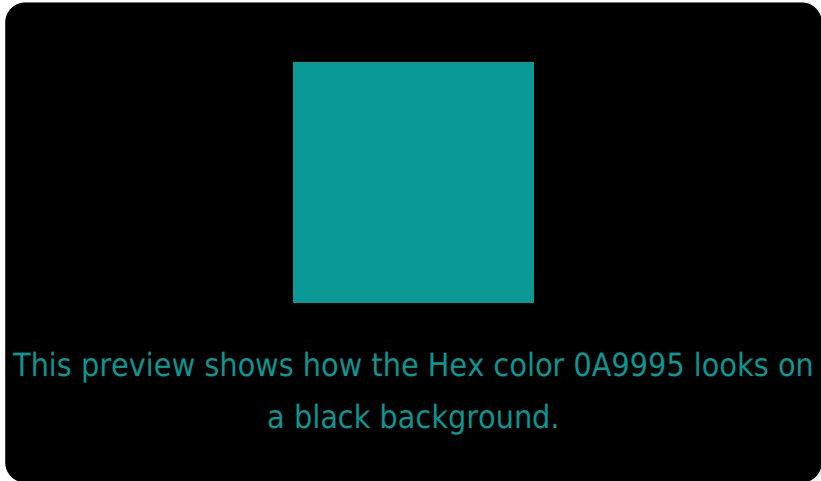
Large Text (above 18pt) WCAG AA ✓ Pass

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

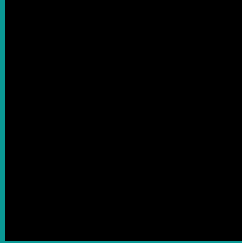
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0A9995 Background



This preview shows how black text looks on a background with the Hex color 0A9995.

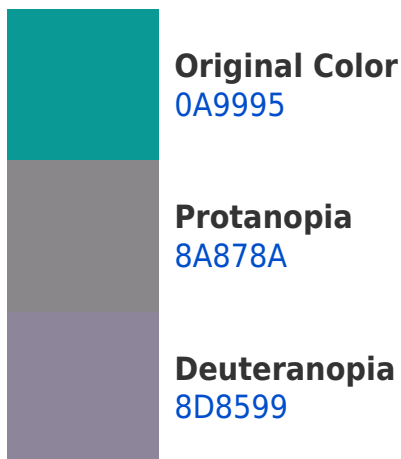


This preview shows how white text looks on a background with the Hex color 0A9995.

# 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



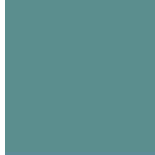


**Tritanopia**  
2097A3

# Trichromacy



**Original Color**  
0A9995



**Protanomaly**  
5B8E8E



**Deuteranomaly**  
5D8C98



**Tritanomaly**  
18989E

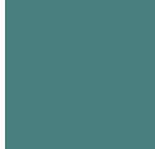
# Monochromacy



**Original Color**  
0A9995



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
4A7E7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A9995 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 #0A9995 looks like.

```
.text, #text, p{  
    color:#0A9995  
}
```

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 #0A9995 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A9995
}
```

## Border

The CSS property to change the border of an element to Hex 0A9995 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
#0A9995 }
```

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

```
.border{ border-color:#0A9995 }
```

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

Here you see how a box with a 4 pixel #0A9995 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A9995; -webkit-box-shadow:4px 4px  
4px 4px #0A9995; box-shadow:4px 4px 4px  
4px #0A9995 }
```

# Background

The CSS property to change the background color of an element to Hex 0A9995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A9995 }
```

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

```
.background{ background-color:#0A9995 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor