

Converting Colors

Hex(00A97C)

Have a look what the booklet for
Hex(00A97C) contains.

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Color

Hex(00A97C)

Conversions

Conversions Part 1

Format	Color
Hex	00A97C
RGB	0, 169, 124
RGB Percent	0%, 66%, 49%
CMY	1.0000, 0.3373, 0.5137
CMYK	1.00, 0.00, 0.27, 0.34
HSL	164°, 100%, 33%
HSV	164°, 100%, 66%
XYZ	17.8261, 29.8312, 23.8872
YIQ	113.3390, -86.2790, -49.8230

Conversions

Conversions Part 2

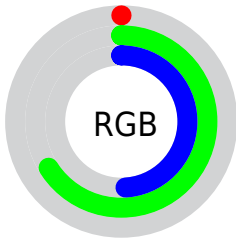
Format	Color
RYB	0, 97, 169
Decimal	43388
CIELab	61.51, -47.88, 13.01
CIELCh	62, 49.620, 164.798
Yxy	29.8312, 0.2492, 0.4170
Android (android.graphics.Color)	4278233468 (0xFF00A97C)
YUV	113.3390, 5.2559, -99.3983
Hunter-Lab	54.6179, -37.3230, 12.3020

Details

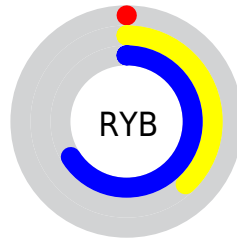
The Hex color **00A97C** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A9002D**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **5CE1B1**, and **00744B** is the 20% darker color. If you saturate the color by 10%, you get **00A97C**, and if you desaturate by 10%, it is **11A981**.

Distribution



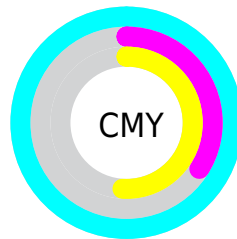
- Red (0%)
- Green (66%)
- Blue (49%)



- Red (0%)
- Yellow (38%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A97C 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 00A97C by changing the saturation by 10% instead.

 00A97C

 00A97C

FFFFFF

 008E63

 5CE1B1

 00744B

 7BFEEC

 005A34

 99FFE8

 00411F

 B6FFFF

 002C08


 D4FFFF

 000A00

 F3FFFF

 000000

 00A97C

 11A981

 22A985

 33A98A

 44A98E

 54A993

 65A997

 76A99B

 87A9A0

 98A9A4

Harmonies

Analogous

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



67A354



00A97C



00ABAA

Triad

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



00A97C



7092E9



DC7A58

Complementary

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



00A97C



A9002D

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.



E76F80



00A97C



B380D3

Square

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



00A97C



00A0E9



DA72AD



C08A3E

Rectangle

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



00A97C



00A9C5



DA72AD



E27565

Sweetspot

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



00A97C



9ADBCA



2DA900



466E63



EDEDED



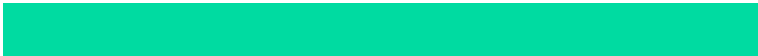
6E6E6E

Same Dimension

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



00A97C



00DBA1



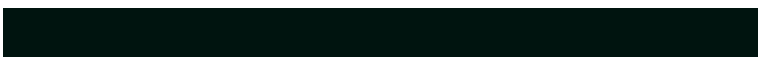
0082A9



4C5452



00946D



00140F

Inverse Universe

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



A9002D



DB003A



A92700



544C4E



940027



140005

Previews

White Background



This preview shows how the Hex color 00A97C looks on a white background.

Color Contrast Check

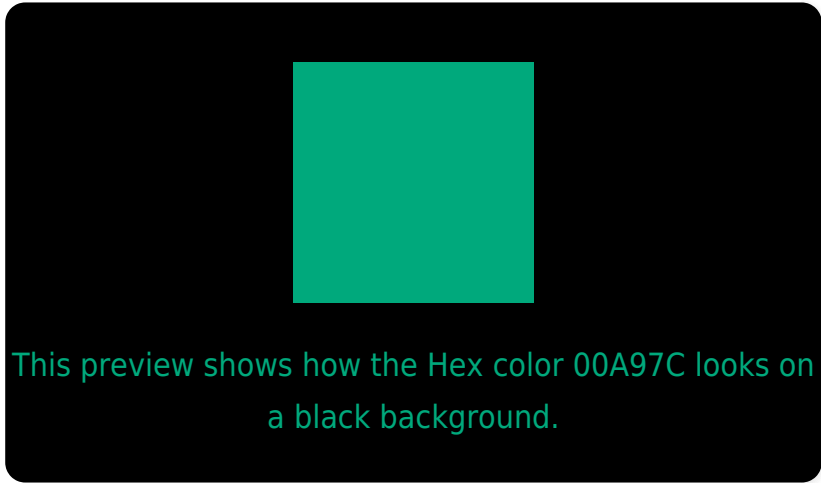
Large Text (above 18pt) WCAG AA ✓ Pass

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

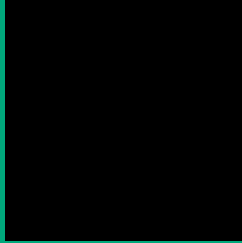
Any Text WCAG AA ✓ Pass

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 00A97C Background



This preview shows how black text looks on a background with the Hex color 00A97C.

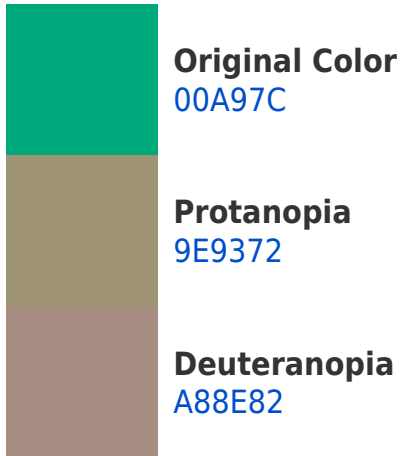


This preview shows how white text looks on a background with the Hex color 00A97C.

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
37A2AF

Trichromacy



Original Color
00A97C



Protanomaly
659B76



Deuteranomaly
6B9880



Tritanomaly
23A59C

Monochromacy



Original Color
00A97C



Achromatopsia
717171



Achromatomaly
488575

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A97C 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 #00A97C looks like.

```
.text, #text, p{  
    color:#00A97C  
}
```

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 #00A97C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A97C  
}
```

Border

The CSS property to change the border of an element to Hex 00A97C 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".

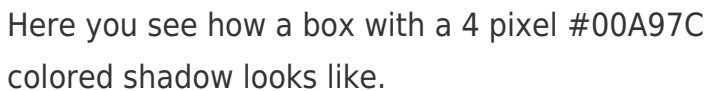
```
.border, #border, table{ border:4px solid  
#00A97C }
```

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

```
.border{ border-color:#00A97C }
```

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

Here you see how a box with a 4 pixel #00A97C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A97C; -webkit-box-shadow:4px 4px  
4px 4px #00A97C; box-shadow:4px 4px 4px  
4px #00A97C }
```

Background

The CSS property to change the background color of an element to Hex 00A97C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A97C }
```

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

```
.background{ background-color:#00A97C }
```

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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