

Converting Colors

Hex(009A7B)

Have a look what the booklet for
Hex(009A7B) contains.

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Color

Hex(009A7B)

Conversions

Conversions Part 1

Format	Color
Hex	009A7B
RGB	0, 154, 123
RGB Percent	0%, 60%, 48%
CMY	1.0000, 0.3961, 0.5176
CMYK	1.00, 0.00, 0.20, 0.40
HSL	168°, 100%, 30%
HSV	168°, 100%, 60%
XYZ	15.1308, 24.5413, 22.6784
YIQ	104.4200, -81.8330, -42.2890

Conversions

Conversions Part 2

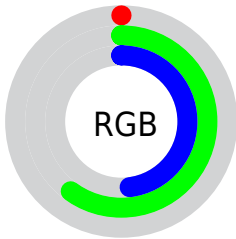
Format	Color
RYB	0, 86, 154
Decimal	39547
CIELab	56.63, -42.06, 6.66
CIELCh	57, 42.582, 170.997
Yxy	24.5413, 0.2427, 0.3936
Android (android.graphics.Color)	4278229627 (0xFF009A7B)
YUV	104.4200, 9.1599, -91.5763
Hunter-Lab	49.5391, -32.1742, 7.5352

Details

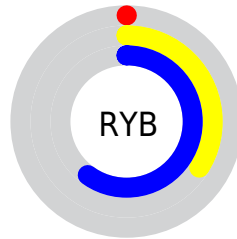
The Hex color **009A7B** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9A001F**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **58D1AF**, and **00664A** is the 20% darker color. If you saturate the color by 10%, you get **009A7B**, and if you desaturate by 10%, it is **0F9A7E**.

Distribution



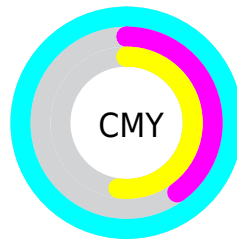
- Red (0%)
- Green (60%)
- Blue (48%)



- Red (0%)
- Yellow (34%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009A7B 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 009A7B by changing the saturation by 10% instead.

 009A7B

 009A7B

FFFFFF

 007F62


 58D1AF

 00664A

 76EECB

 004D34

 93FFE7

 00351F

 B1FFFF

 001F07

 CEFFFF

 000000

 ECFFFF

 009A7B

 0F9A7E

 1F9A81

 2E9A84

 3E9A87

 4D9A8B

 5C9A8E

 6C9A91

 7B9A94

 8B9A97

Harmonies

Analogous

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



589657



009A7B



009BA1

Triad

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



009A7B



7982CD



C2744F

Complementary

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



009A7B



9A001F

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.



CE6A6F



009A7B



AB74B7

Square

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



009A7B



1F8FD1



C76A95



A7823D

Rectangle

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



009A7B



0099B7



C76A95



C77059

Sweetspot

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



009A7B



8DC9BD



219A00



41665F



E6E6E6



666666

Same Dimension

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



009A7B



00C9A1



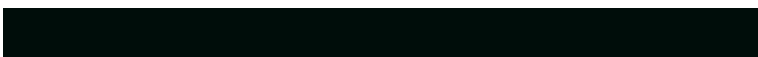
006E9A



454D4B



008C70



000D0A

Inverse Universe

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



9A001F



C90029



9A2C00



4D4546



8C001C



0D0003

Previews

White Background



This preview shows how the Hex color 009A7B looks on a white background.

Color Contrast Check

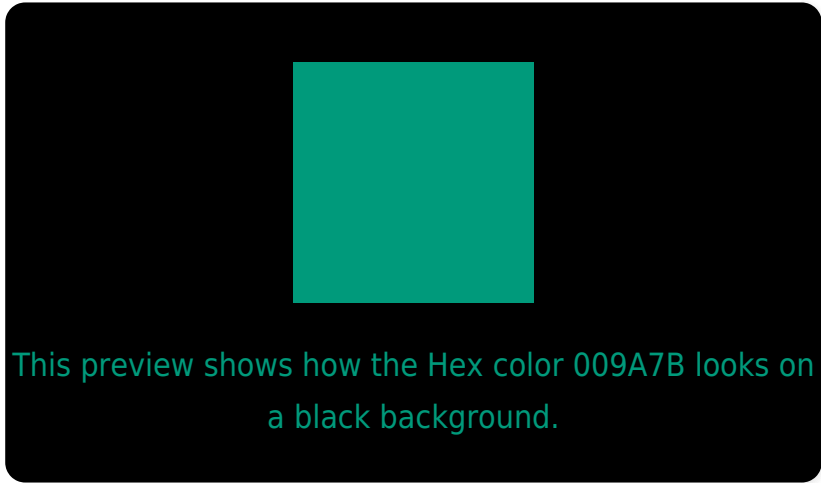
Large Text (above 18pt) WCAG AA ✓ Pass

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

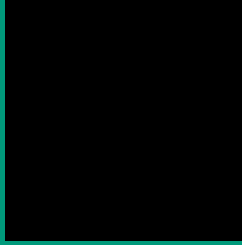
Any Text WCAG AA ✓ Pass

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 009A7B Background



This preview shows how black text looks on a background with the Hex color 009A7B.

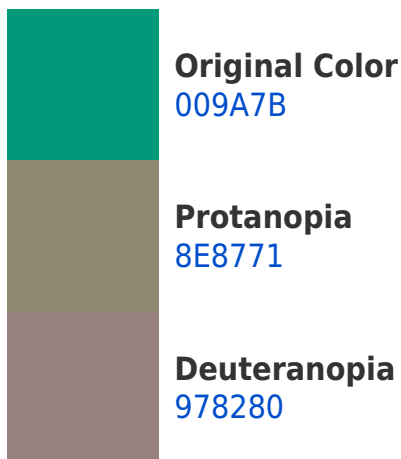


This preview shows how white text looks on a background with the Hex color 009A7B.

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
2F95A1

Trichromacy



Original Color
009A7B



Protanomaly
5A8E75



Deuteranomaly
608B7E



Tritanomaly
1E9793

Monochromacy



Original Color
009A7B



Achromatopsia
686868



Achromatomaly
427A6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 009A7B 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 #009A7B looks like.

```
.text, #text, p{  
    color:#009A7B  
}
```

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 #009A7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009A7B
}
```

Border

The CSS property to change the border of an element to Hex 009A7B 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
#009A7B }
```

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

```
.border{ border-color:#009A7B }
```

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

Here you see how a box with a 4 pixel #009A7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009A7B; -webkit-box-shadow:4px 4px  
4px 4px #009A7B; box-shadow:4px 4px 4px  
4px #009A7B }
```

Background

The CSS property to change the background color of an element to Hex 009A7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009A7B }
```

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

```
.background{ background-color:#009A7B }
```

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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