

Converting Colors

Hex(009F7B)

Have a look what the booklet for
Hex(009F7B) contains.

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Color

Hex(009F7B)

Conversions

Conversions Part 1

Format	Color
Hex	009F7B
RGB	0, 159, 123
RGB Percent	0%, 62%, 48%
CMY	1.0000, 0.3765, 0.5176
CMYK	1.00, 0.00, 0.23, 0.38
HSL	166°, 100%, 31%
HSV	166°, 100%, 62%
XYZ	15.9733, 26.2263, 22.9592
YIQ	107.3550, -83.2080, -44.9040

Conversions

Conversions Part 2

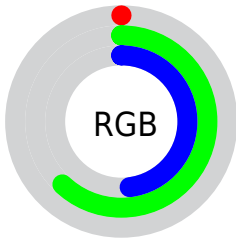
Format	Color
RYB	0, 90, 159
Decimal	40827
CIELab	58.25, -44.13, 8.98
CIELCh	58, 45.029, 168.498
Yxy	26.2263, 0.2451, 0.4025
Android (android.graphics.Color)	4278230907 (0xFF009F7B)
YUV	107.3550, 7.7130, -94.1503
Hunter-Lab	51.2117, -33.9449, 9.2673

Details

The Hex color **009F7B** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9F0024**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **59D7AF**, and **006A4A** is the 20% darker color. If you saturate the color by 10%, you get **009F7B**, and if you desaturate by 10%, it is **109F7F**.

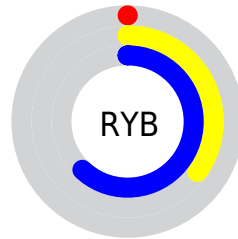
Distribution



Red (0%)

Green (62%)

Blue (48%)



Red (0%)

Yellow (35%)

Blue (62%)

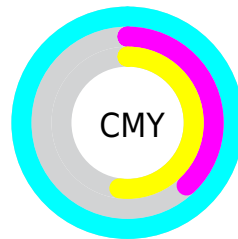


Cyan (100%)

Magenta (0%)

Yellow (23%)

Black (38%)



Cyan (100%)

Magenta (38%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009F7B 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 009F7B by changing the saturation by 10% instead.

 009F7B

 009F7B

FFFFFF

 008462

 59D7AF

 006A4A

 77F3CB

 005134

 95FFE7

 00391E

 B3FFF

 002407

 D0FFF

 000000

 EEEFF

 009F7B

 109F7F

 209F82

 309F86

 409F89

 509F8D

 5F9F91

 6F9F94

 7F9F98

 8F9F9B

Harmonies

Analogous

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



5E9A56



009F7B



00A0A4

Triad

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



009F7B



7688D7



CB7652

Complementary

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



009F7B



9F0024

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.



D66C75



009F7B



AE78C1

Square

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



009F7B



0095D9



CD6C9D



B0853D

Rectangle

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



009F7B



009EBC



CD6C9D



D0725D

Sweetspot

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



009F7B



91CFC1



259F00



436960



E8E8E8



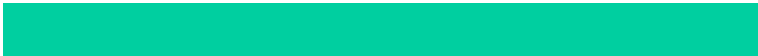
696969

Same Dimension

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



009F7B



00CFA0



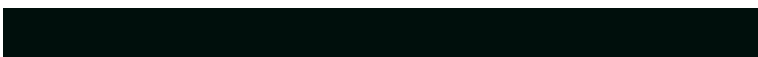
00759F



474F4D



008F6E



000F0C

Inverse Universe

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



9F0024



CF002F



9F2A00



4F4749



8F0020



0F0003

Previews

White Background



This preview shows how the Hex color 009F7B looks on a white background.

Color Contrast Check

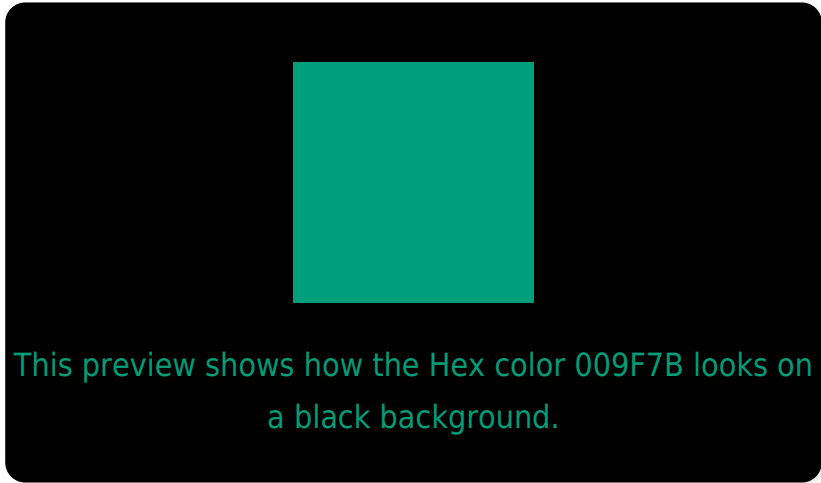
Large Text (above 18pt) WCAG AA ✓ Pass

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

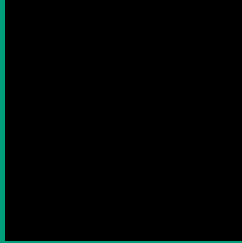
Any Text WCAG AA ✓ Pass

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 009F7B Background



This preview shows how black text looks on a background with the Hex color 009F7B.

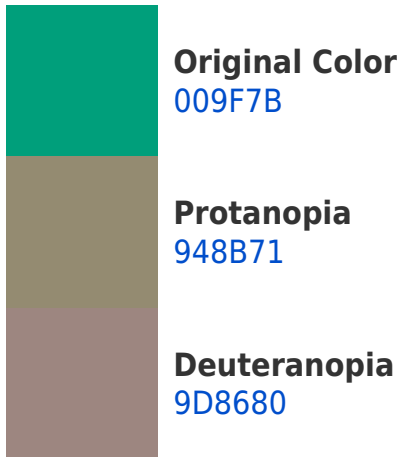


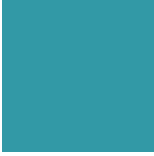
This preview shows how white text looks on a background with the Hex color 009F7B.

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
3299A6

Trichromacy



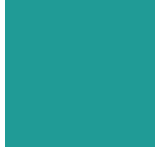
Original Color
009F7B



Protanomaly
5E9275



Deuteranomaly
648F7E



Tritanomaly
209B96

Monochromacy



Original Color
009F7B



Achromatopsia
6B6B6B



Achromatomaly
447E71

CSS Examples

Text

The CSS property to change the color of the text to Hex 009F7B 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 #009F7B looks like.

```
.text, #text, p{  
    color:#009F7B  
}
```

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 #009F7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009F7B
}
```

Border

The CSS property to change the border of an element to Hex 009F7B 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
#009F7B }
```

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

```
.border{ border-color:#009F7B }
```

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

Here you see how a box with a 4 pixel #009F7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009F7B; -webkit-box-shadow:4px 4px  
4px 4px #009F7B; box-shadow:4px 4px 4px  
4px #009F7B }
```

Background

The CSS property to change the background color of an element to Hex 009F7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009F7B }
```

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

```
.background{ background-color:#009F7B }
```

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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