

Converting Colors

Hex(009786)

Have a look what the booklet for
Hex(009786) contains.

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Color

Hex(009786)

Conversions

Conversions Part 1

Format	Color
Hex	009786
RGB	0, 151, 134
RGB Percent	0%, 59%, 53%
CMY	1.0000, 0.4078, 0.4745
CMYK	1.00, 0.00, 0.11, 0.41
HSL	173°, 100%, 30%
HSV	173°, 100%, 59%
XYZ	15.3697, 23.8544, 26.3486
YIQ	103.9130, -84.5390, -37.2990

Conversions

Conversions Part 2

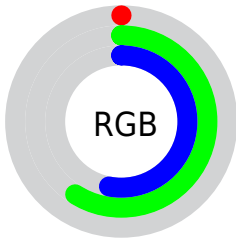
Format	Color
RYB	0, 80, 151
Decimal	38790
CIELab	55.94, -37.69, -0.59
CIElCh	56, 37.695, 180.903
Yxy	23.8544, 0.2344, 0.3638
Android (android.graphics.Color)	4278228870 (0xFF009786)
YUV	103.9130, 14.8329, -91.1317
Hunter-Lab	48.8410, -29.3000, 2.2032

Details

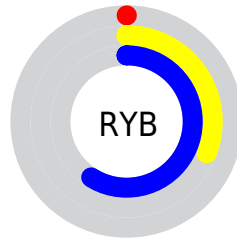
The Hex color **009786** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **970011**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **58CEBB**, and **006355** is the 20% darker color. If you saturate the color by 10%, you get **009786**, and if you desaturate by 10%, it is **0F9788**.

Distribution



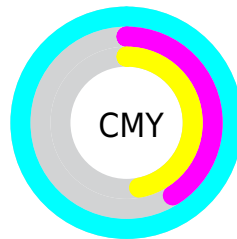
- Red (0%)
- Green (59%)
- Blue (53%)



- Red (0%)
- Yellow (31%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009786 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 009786 by changing the saturation by 10% instead.

 009786

 009786

FFFFFF

 007D6D

 58CEBB

 006355

 76EAD7

 004A3D

 94FFF3

 003328

 B1FFF3

 001E13

 CFFFFFF

 000000

 EDFFFF

 009786

 0F9788

 1E9789

 2D978B

 3C978D

 4C978E

 5B9790

 6A9792

 799794

 889795

Harmonies

Analogous

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



4F9465



009786



0096A7

Triad

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



009786



8A7DBE



B4794D

Complementary

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



009786



970011

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.



C36F66



009786



B071A6

Square

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



009786



5289C7



C26B86



998543

Rectangle

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



009786



0094B8



C26B86



BA7554

Sweetspot

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



009786



89C4BE



129700



40635F



E3E3E3



636363

Same Dimension

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



009786



00C4AE



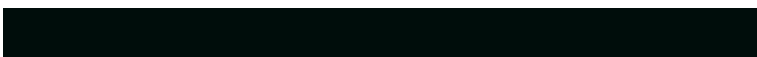
005D97



454D4C



008C7C



000D0B

Inverse Universe

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



970011



C40016



973A00



4D4546



8C0010



0D0001

Previews

White Background



This preview shows how the Hex color 009786 looks on a white background.

Color Contrast Check

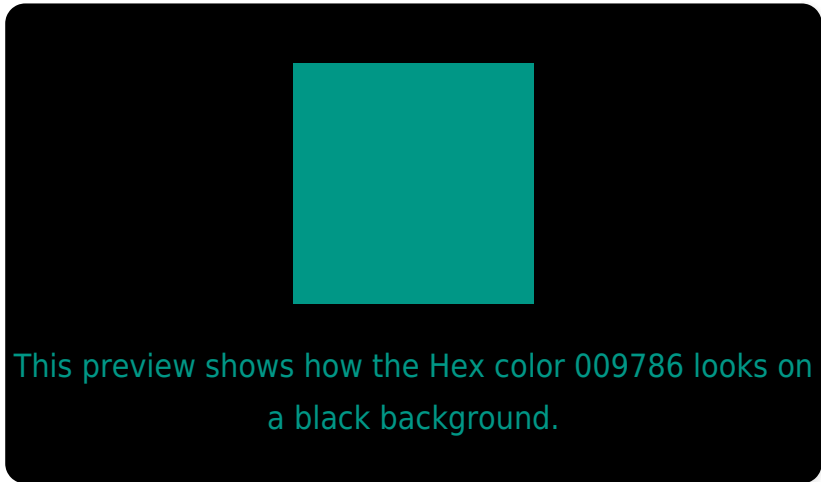
Large Text (above 18pt) WCAG AA ✓ Pass

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

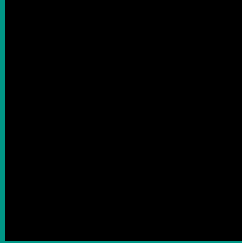
Any Text WCAG AA ✓ Pass

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 009786 Background



This preview shows how black text looks on a background with the Hex color 009786.

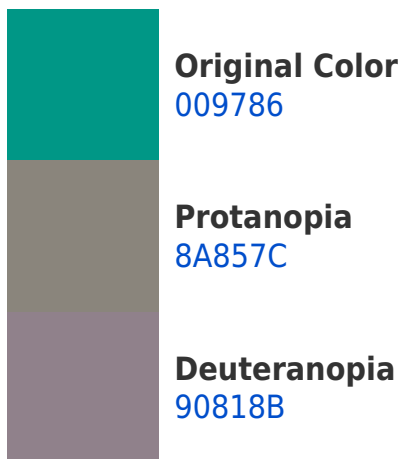


This preview shows how white text looks on a background with the Hex color 009786.

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
27939F

Trichromacy



Original Color
009786



Protanomaly
588C80



Deuteranomaly
5C8989



Tritanomaly
199496

Monochromacy



Original Color
009786



Achromatopsia
686868



Achromatomaly
427973

CSS Examples

Text

The CSS property to change the color of the text to Hex 009786 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 #009786 looks like.

```
.text, #text, p{  
    color:#009786  
}
```

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 #009786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009786
}
```

Border

The CSS property to change the border of an element to Hex 009786 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
#009786 }
```

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

```
.border{ border-color:#009786 }
```

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

Here you see how a box with a 4 pixel #009786 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009786; -webkit-box-shadow:4px 4px  
4px 4px #009786; box-shadow:4px 4px 4px  
4px #009786 }
```

Background

The CSS property to change the background color of an element to Hex 009786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009786 }
```

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

```
.background{ background-color:#009786 }
```

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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