

# Converting Colors

Hex(09826F)

Have a look what the booklet for  
Hex(09826F) contains.

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# Color

Hex(09826F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	09826F
RGB	9, 130, 111
RGB Percent	4%, 51%, 44%
CMY	0.9647, 0.4902, 0.5647
CMYK	0.93, 0.00, 0.15, 0.49
HSL	171°, 87%, 27%
HSV	171°, 93%, 51%
XYZ	10.9645, 17.1710, 17.7754
YIQ	91.6550, -66.0170, -31.5610

# Conversions

## Conversions Part 2

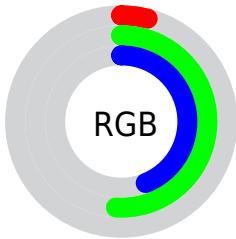
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 75, 130
Decimal	623215
CIELab	48.47, -34.51, 1.86
CIElCh	48, 34.559, 176.921
Yxy	17.1710, 0.2388, 0.3740
Android (android.graphics.Color)	4278813295 (0xFF09826F)
YUV	91.6550, 9.5371, -72.4884
Hunter-Lab	41.4380, -25.2851, 3.5733

# Details

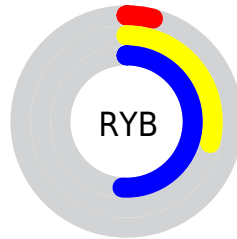
The Hex color **09826F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **82091C**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **53B8A3**, and **00503F** is the 20% darker color. If you saturate the color by 10%, you get **00826E**, and if you desaturate by 10%, it is **168271**.

# Distribution



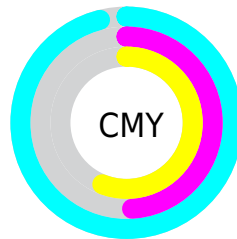
- Red (4%)
- Green (51%)
- Blue (44%)



- Red (4%)
- Yellow (29%)
- Blue (51%)



- Cyan (93%)
- Magenta (0%)
- Yellow (15%)
- Black (49%)



- Cyan (96%)
- Magenta (49%)
- Yellow (56%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 09826F 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 09826F by changing the saturation by 10% instead.



 09826F

 09826F

FFFFFF

 006857

 53B8A3

 00503F

 70D4BE

 00382A

 8CF0D9

 002415

 A9FFF6

 000000

 C6FFFF

 E3FFFF

 09826F

 09826F

 00826E

 168271

 238273

 308275

 3D8277

 4A8279

 57827B

 64827D

 71827F

 7E8281

# Harmonies

## Analogous

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



477F52



09826F



00828D

# Triad

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



09826F



716DA7



9E6643

# Complementary

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



09826F



82091C

# 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.



AA5D5A



09826F



956293

# Square

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



09826F



3C77AD



A85B77



887038

# Rectangle

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



09826F



00809D



A85B77



A3634A



# Sweetspot

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



09826F



79A8A1



1D8209



385450



D4D4D4



545454



# Same Dimension

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



09826F



00A88E



095A82



39403F



00806B



000000



# Inverse Universe

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



82091C



A8001A



823109



40393A



800014



000000



# Previews

## White Background



This preview shows how the Hex color 09826F looks on a white background.

## Color Contrast Check

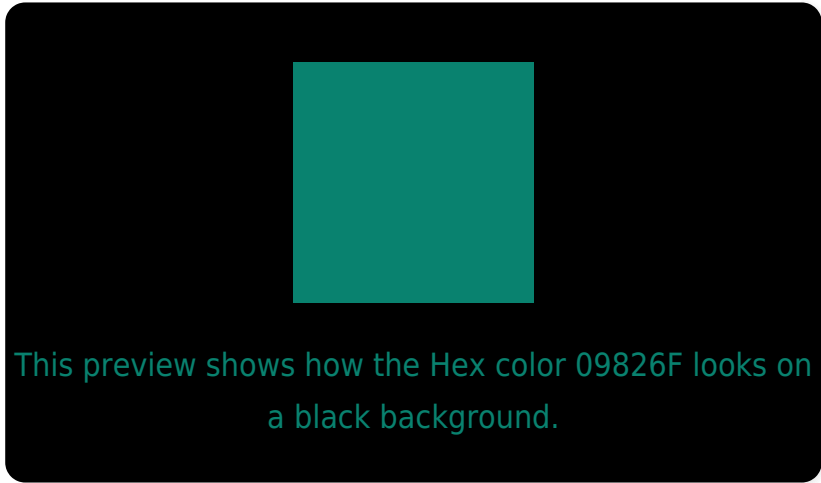
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

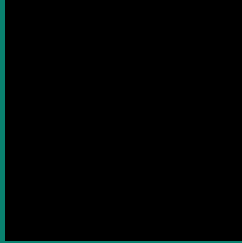
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 09826F Background



This preview shows how black text looks on a background with the Hex color 09826F.

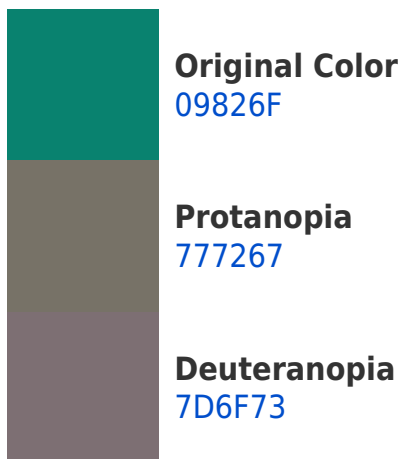


This preview shows how white text looks on a background with the Hex color 09826F.

# 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**  
257E89

# Trichromacy



**Original Color**  
09826F



**Protanomaly**  
4F786A



**Deuteranomaly**  
537672



**Tritanomaly**  
1B7F80

# Monochromacy



**Original Color**  
09826F



**Achromatopsia**  
5C5C5C



**Achromatomaly**  
3E6A63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 09826F 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 #09826F looks like.

```
.text, #text, p{  
    color:#09826F  
}
```

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 #09826F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09826F
}
```

## Border

The CSS property to change the border of an element to Hex 09826F 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
#09826F }
```

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

```
.border{ border-color:#09826F }
```

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

Here you see how a box with a 4 pixel #09826F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09826F; -webkit-box-shadow:4px 4px  
4px 4px #09826F; box-shadow:4px 4px 4px  
4px #09826F }
```

# Background

The CSS property to change the background color of an element to Hex 09826F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09826F }
```

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

```
.background{ background-color:#09826F }
```

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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