

Converting Colors

Hex(009F6F)

Have a look what the booklet for
Hex(009F6F) contains.

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Color

Hex(009F6F)

Conversions

Conversions Part 1

Format	Color
Hex	009F6F
RGB	0, 159, 111
RGB Percent	0%, 62%, 44%
CMY	1.0000, 0.3765, 0.5647
CMYK	1.00, 0.00, 0.30, 0.38
HSL	162°, 100%, 31%
HSV	162°, 100%, 62%
XYZ	15.2674, 25.9440, 19.2419
YIQ	105.9870, -79.3560, -48.6360

Conversions

Conversions Part 2

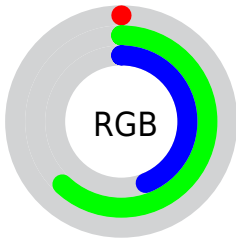
Format	Color
RYB	0, 94, 159
Decimal	40815
CIELab	57.98, -47.10, 15.32
CIELCh	58, 49.529, 161.977
Yxy	25.9440, 0.2525, 0.4292
Android (android.graphics.Color)	4278230895 (0xFF009F6F)
YUV	105.9870, 2.4714, -92.9506
Hunter-Lab	50.9352, -35.6329, 13.2565

Details

The Hex color **009F6F** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9F0030**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **59D7A3**, and **006A3F** is the 20% darker color. If you saturate the color by 10%, you get **009F6F**, and if you desaturate by 10%, it is **109F74**.

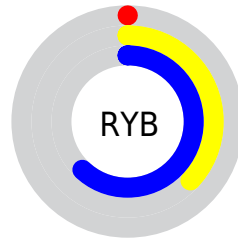
Distribution



Red (0%)

Green (62%)

Blue (44%)



Red (0%)

Yellow (37%)

Blue (62%)

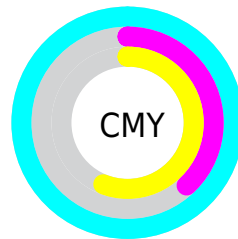


Cyan (100%)

Magenta (0%)

Yellow (30%)

Black (38%)



Cyan (100%)

Magenta (38%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009F6F 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 009F6F by changing the saturation by 10% instead.



009F6F



009F6F

FFFFFF



008456



59D7A3



006A3F



77F4BE



005129



94FFDA



003914



B2FFF6



002300



D0FFFF



000000



EEFFFF



009F6F



109F74

 209F79

 309F7D

 409F82

 509F87

 5F9F8C

 6F9F91

 7F9F95

 8F9F9A

Harmonies

Analogous

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



639948



009F6F



00A19C

Triad

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



009F6F



5D8AE0



D36F53

Complementary

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



009F6F



9F0030

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.



DC657C



009F6F



A579CC

Square

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



009F6F



0097DD



CD69A7



B98037

Rectangle

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



009F6F



00A0B8



CD69A7



D86B60

Sweetspot

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



009F6F



91CFBC



329F00



43695D



E8E8E8



696969

Same Dimension

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



009F6F



00CF90



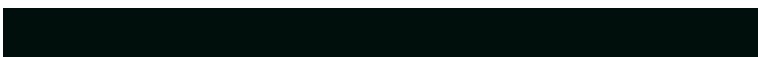
00829F



474F4D



008F64



000F0B

Inverse Universe

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



9F0030



CF003E



9F1D00



4F474A



8F002B



0F0005

Previews

White Background



This preview shows how the Hex color 009F6F looks on a white background.

Color Contrast Check

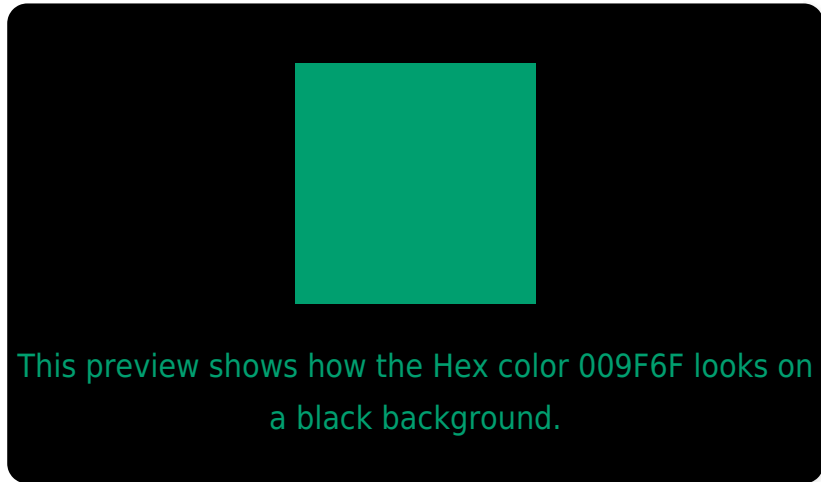
Large Text (above 18pt) WCAG AA ✓ Pass

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

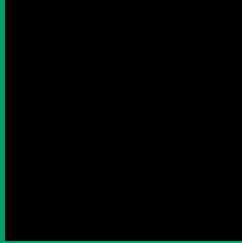
Any Text WCAG AA ✓ Pass

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 009F6F Background



This preview shows how black text looks on a background with the Hex color 009F6F.

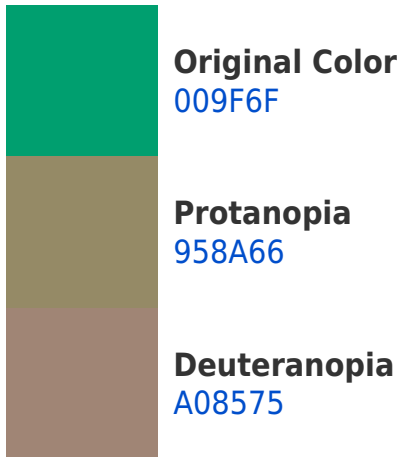


This preview shows how white text looks on a background with the Hex color 009F6F.

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
3698A5

Trichromacy



Original Color
009F6F



Protanomaly
5F9269



Deuteranomaly
668E73



Tritanomaly
229B91

Monochromacy



Original Color
009F6F



Achromatopsia
6A6A6A



Achromatomaly
437D6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 009F6F 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 #009F6F looks like.

```
.text, #text, p{  
    color:#009F6F  
}
```

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 #009F6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009F6F
}
```

Border

The CSS property to change the border of an element to Hex 009F6F 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
#009F6F }
```

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

```
.border{ border-color:#009F6F }
```

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

Here you see how a box with a 4 pixel #009F6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009F6F; -webkit-box-shadow:4px 4px  
4px 4px #009F6F; box-shadow:4px 4px 4px  
4px #009F6F }
```

Background

The CSS property to change the background color of an element to Hex 009F6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009F6F }
```

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

```
.background{ background-color:#009F6F }
```

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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