

Converting Colors

Hex(009A6F)

Have a look what the booklet for
Hex(009A6F) contains.

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Color

Hex(009A6F)

Conversions

Conversions Part 1

Format	Color
Hex	009A6F
RGB	0, 154, 111
RGB Percent	0%, 60%, 44%
CMY	1.0000, 0.3961, 0.5647
CMYK	1.00, 0.00, 0.28, 0.40
HSL	163°, 100%, 30%
HSV	163°, 100%, 60%
XYZ	14.4248, 24.2589, 18.9611
YIQ	103.0520, -77.9810, -46.0210

Conversions

Conversions Part 2

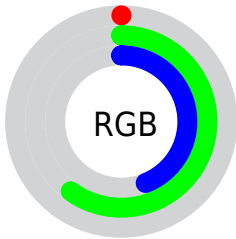
Format	Color
RYB	0, 89, 154
Decimal	39535
CIELab	56.35, -45.13, 13.05
CIELCh	56, 46.982, 163.875
Yxy	24.2589, 0.2502, 0.4208
Android (android.graphics.Color)	4278229615 (0xFF009A6F)
YUV	103.0520, 3.9184, -90.3766
Hunter-Lab	49.2533, -33.9159, 11.6524

Details

The Hex color **009A6F** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9A002B**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **57D1A3**, and **00663F** is the 20% darker color. If you saturate the color by 10%, you get **009A6F**, and if you desaturate by 10%, it is **0F9A73**.

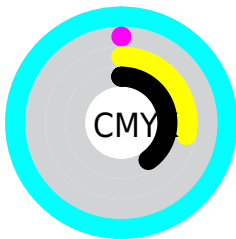
Distribution



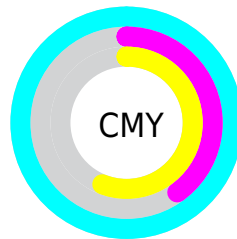
- Red (0%)
- Green (60%)
- Blue (44%)



- Red (0%)
- Yellow (35%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (40%)




- Cyan (100%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009A6F 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 009A6F by changing the saturation by 10% instead.

 009A6F

 009A6F

FFFFFF

 007F57

 57D1A3

 00663F

 75EEBE

 004D29

 93FFDA

 003514

 B0FFF6

 001E00

 CDFFFF

 000000

 EBFFFF

 009A6F

 0F9A73

 1F9A78

 2E9A7C

 3E9A80

 4D9A85

 5C9A89

 6C9A8D

 7B9A91

 8B9A96

Harmonies

Analogous

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



5E954A



009A6F



009C99

Triad

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



009A6F



6285D6



CA6E50

Complementary

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



009A6F



9A002B

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.



D36476



009A6F



A275C2

Square

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



009A6F



0092D5



C7679F



B17D37

Rectangle

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



009A6F



009AB4



C7679F



CF695C

Sweetspot

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



009A6F



8DC9B9



2C9A00



41665C



E6E6E6



666666

Same Dimension

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



009A6F



00C991



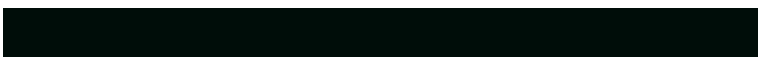
00799A



454D4A



008C65



000D09

Inverse Universe

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



9A002B



C90038



9A2100



4D4547



8C0027



0D0004

Previews

White Background



This preview shows how the Hex color 009A6F looks on a white background.

Color Contrast Check

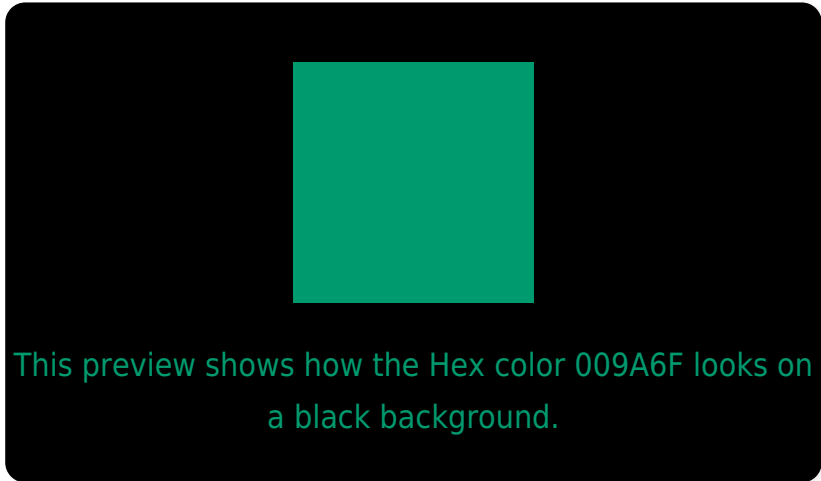
Large Text (above 18pt) WCAG AA ✓ Pass

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

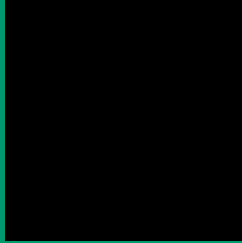
Any Text WCAG AA ✓ Pass

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 009A6F Background



This preview shows how black text looks on a background with the Hex color 009A6F.

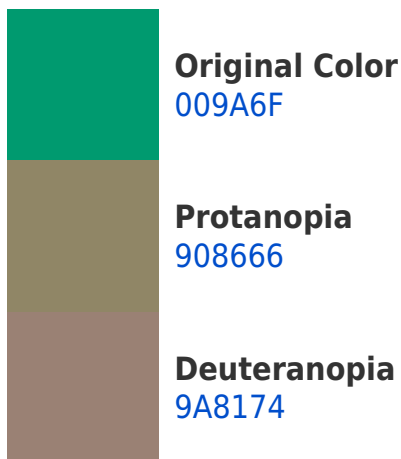


This preview shows how white text looks on a background with the Hex color 009A6F.

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
3394A0

Trichromacy



Original Color
009A6F



Protanomaly
5C8D69



Deuteranomaly
628A72



Tritanomaly
20968E

Monochromacy



Original Color
009A6F



Achromatopsia
676767



Achromatomaly
427A6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 009A6F 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 #009A6F looks like.

```
.text, #text, p{  
    color:#009A6F  
}
```

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 #009A6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009A6F
}
```

Border

The CSS property to change the border of an element to Hex 009A6F 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
#009A6F }
```

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

```
.border{ border-color:#009A6F }
```

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

Here you see how a box with a 4 pixel #009A6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009A6F; -webkit-box-shadow:4px 4px  
4px 4px #009A6F; box-shadow:4px 4px 4px  
4px #009A6F }
```

Background

The CSS property to change the background color of an element to Hex 009A6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009A6F }
```

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

```
.background{ background-color:#009A6F }
```

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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