

Converting Colors

Hex(009C6E)

Have a look what the booklet for
Hex(009C6E) contains.

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Color

Hex(009C6E)

Conversions

Conversions Part 1

Format	Color
Hex	009C6E
RGB	0, 156, 110
RGB Percent	0%, 61%, 43%
CMY	1.0000, 0.3882, 0.5686
CMYK	1.00, 0.00, 0.29, 0.39
HSL	162°, 100%, 31%
HSV	162°, 100%, 61%
XYZ	14.7029, 24.9027, 18.7836
YIQ	104.1120, -78.2100, -47.3780

Conversions

Conversions Part 2

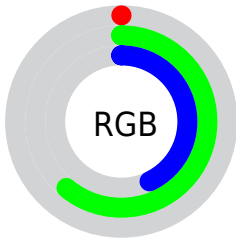
Format	Color
RYB	0, 91, 156
Decimal	40046
CIELab	56.98, -46.17, 14.49
CIELCh	57, 48.387, 162.572
Yxy	24.9027, 0.2518, 0.4265
Android (android.graphics.Color)	4278230126 (0xFF009C6E)
YUV	104.1120, 2.9028, -91.3062
Hunter-Lab	49.9026, -34.7377, 12.6147

Details

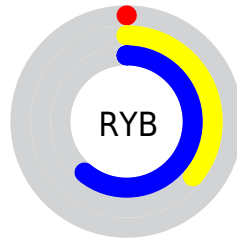
The Hex color **009C6E** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9C002E**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **58D4A2**, and **00673E** is the 20% darker color. If you saturate the color by 10%, you get **009C6E**, and if you desaturate by 10%, it is **109C73**.

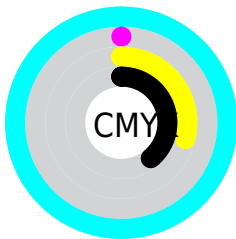
Distribution



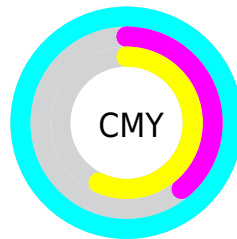
- Red (0%)
- Green (61%)
- Blue (43%)



- Red (0%)
- Yellow (36%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)
- Black (39%)




- Cyan (100%)
- Magenta (39%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009C6E 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 009C6E by changing the saturation by 10% instead.

 009C6E

 009C6E

FFFFFF

 008156

 58D4A2

 00673E

 76F0BD

 004E28

 93FFD9

 003613

 B1FFF5

 002000

 CEFFFF

 000000

 ECFFFF

 009C6E

 109C73

 1F9C77

 2F9C7C

 3E9C80

 4E9C85

 5E9C8A

 6D9C8E

 7D9C93

 8C9C97

Harmonies

Analogous

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



619648



009C6E



009E9A

Triad

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



009C6E



5E87DB



CF6E52

Complementary

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



009C6E



9C002E

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.



D76479



009C6E



A376C7

Square

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



009C6E



0094D9



C967A3



B57E36

Rectangle

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



009C6E



009DB5



C967A3



D4695E

Sweetspot

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



009C6E



8FCCBA



2F9C00



41665B



E6E6E6



666666

Same Dimension

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



009C6E



00CC90



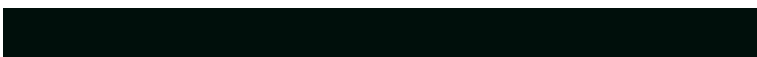
007D9C



474F4D



008F65



000F0B

Inverse Universe

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



9C002E



CC003C



9C1F00



4F4749



8F002A



0F0005

Previews

White Background



This preview shows how the Hex color 009C6E looks on a white background.

Color Contrast Check

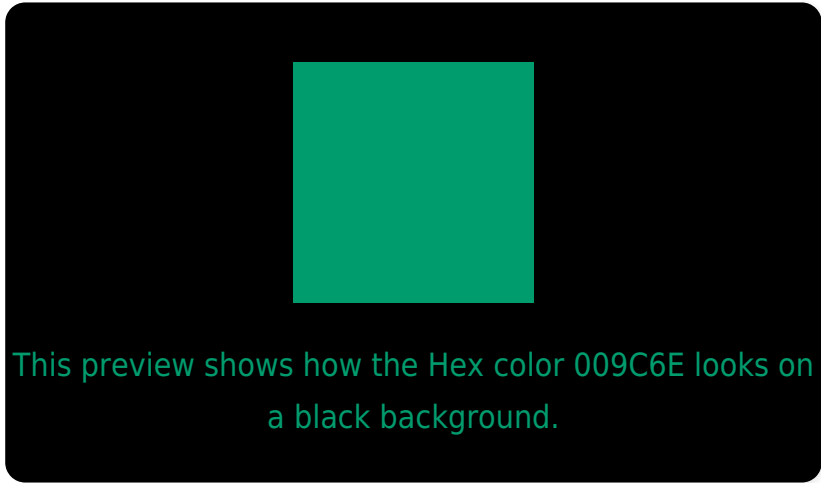
Large Text (above 18pt) WCAG AA ✓ Pass

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

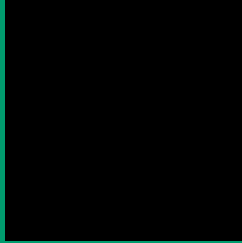
Any Text WCAG AA ✓ Pass

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 009C6E Background



This preview shows how black text looks on a background with the Hex color 009C6E.



This preview shows how white text looks on a background with the Hex color 009C6E.

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



Original Color
009C6E

Protanopia
928865

Deuteranopia
9C8374



Tritanopia
3495A2

Trichromacy



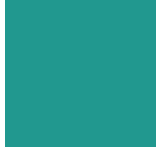
Original Color
009C6E



Protanomaly
5D8F68



Deuteranomaly
638C72



Tritanomaly
21988F

Monochromacy



Original Color
009C6E



Achromatopsia
686868



Achromatomaly
427B6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 009C6E 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 #009C6E looks like.

```
.text, #text, p{  
    color:#009C6E  
}
```

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 #009C6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009C6E
}
```

Border

The CSS property to change the border of an element to Hex 009C6E 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
#009C6E }
```

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

```
.border{ border-color:#009C6E }
```

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

Here you see how a box with a 4 pixel #009C6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009C6E; -webkit-box-shadow:4px 4px  
4px 4px #009C6E; box-shadow:4px 4px 4px  
4px #009C6E }
```

Background

The CSS property to change the background color of an element to Hex 009C6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009C6E }
```

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

```
.background{ background-color:#009C6E }
```

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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