

Converting Colors

Hex(009C6D)

Have a look what the booklet for
Hex(009C6D) contains.

Hex(009C6D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(009C6D)

Conversions

Conversions Part 1

Format	Color
Hex	009C6D
RGB	0, 156, 109
RGB Percent	0%, 61%, 43%
CMY	1.0000, 0.3882, 0.5725
CMYK	1.00, 0.00, 0.30, 0.39
HSL	162°, 100%, 31%
HSV	162°, 100%, 61%
XYZ	14.6488, 24.8811, 18.4985
YIQ	103.9980, -77.8890, -47.6890

Conversions

Conversions Part 2

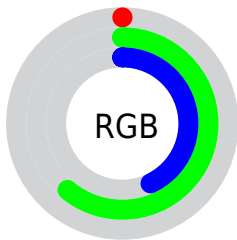
Format	Color
RYB	0, 92, 156
Decimal	40045
CIELab	56.96, -46.40, 15.02
CIELCh	57, 48.775, 162.062
Yxy	24.8811, 0.2524, 0.4288
Android (android.graphics.Color)	4278230125 (0xFF009C6D)
YUV	103.9980, 2.4660, -91.2062
Hunter-Lab	49.8809, -34.8706, 12.9288

Details

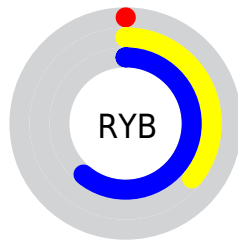
The Hex color **009C6D** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9C002F**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **58D4A1**, and **00673D** is the 20% darker color. If you saturate the color by 10%, you get **009C6D**, and if you desaturate by 10%, it is **109C72**.

Distribution



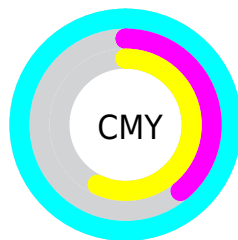
- Red (0%)
- Green (61%)
- Blue (43%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (39%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 009C6D 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 009C6D by changing the saturation by 10% instead.

 009C6D

 009C6D

FFFFFF

 008155

 58D4A1

 00673D

 76F0BC

 004E27

 93FFD8

 003612

 B1FFF4

 002000

 CEFFFF

 000000

 ECFFFF

 009C6D

 109C72

 1F9C76

 2F9C7B

 3E9C80

 4E9C85

 5E9C89

 6D9C8E

 7D9C93

 8C9C97

Harmonies

Analogous

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



619647



009C6D



009E99

Triad

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



009C6D



5C87DC



CF6D52

Complementary

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



009C6D



9C002F

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.



D86379



009C6D



A276C8

Square

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



009C6D



0094D9



C967A4



B67D36

Rectangle

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



009C6D



009DB5



C967A4



D4695E

Sweetspot

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



009C6D



8FCCBA



319C00



41665B



E6E6E6



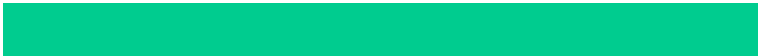
666666

Same Dimension

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



009C6D



00CC8F



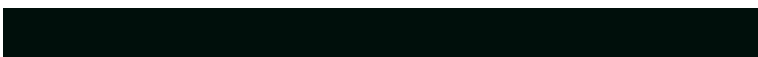
007F9C



474F4D



008F64



000F0B

Inverse Universe

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



9C002F



CC003D



9C1D00



4F474A



8F002B



0F0005

Previews

White Background



This preview shows how the Hex color 009C6D looks on a white background.

Color Contrast Check

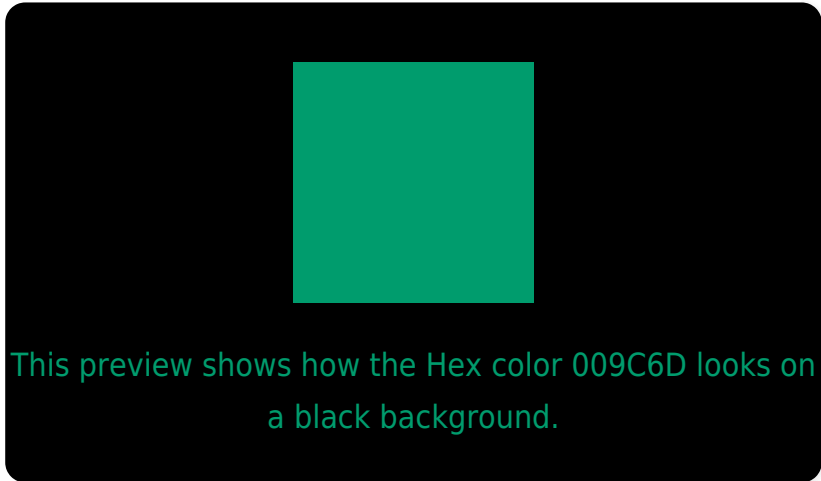
Large Text (above 18pt) WCAG AA ✓ Pass

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

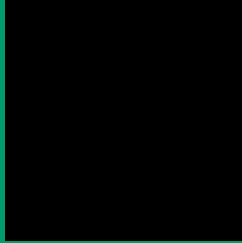
Any Text WCAG AA ✓ Pass

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 009C6D Background



This preview shows how black text looks on a background with the Hex color 009C6D.



This preview shows how white text looks on a background with the Hex color 009C6D.

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
3595A1

Trichromacy



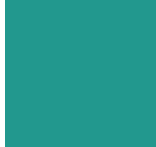
Original Color
009C6D



Protanomaly
5D8F67



Deuteranomaly
648C71



Tritanomaly
22988E

Monochromacy



Original Color
009C6D



Achromatopsia
686868



Achromatomaly
427B6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 009C6D 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 #009C6D looks like.

```
.text, #text, p{  
    color:#009C6D  
}
```

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 #009C6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009C6D
}
```

Border

The CSS property to change the border of an element to Hex 009C6D 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
#009C6D }
```

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

```
.border{ border-color:#009C6D }
```

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

Here you see how a box with a 4 pixel #009C6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009C6D; -webkit-box-shadow:4px 4px  
4px 4px #009C6D; box-shadow:4px 4px 4px  
4px #009C6D }
```

Background

The CSS property to change the background color of an element to Hex 009C6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009C6D }
```

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

```
.background{ background-color:#009C6D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor