

Converting Colors

Hex(009B76)

Have a look what the booklet for
Hex(009B76) contains.

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Color

Hex(009B76)

Conversions

Conversions Part 1

Format	Color
Hex	009B76
RGB	0, 155, 118
RGB Percent	0%, 61%, 46%
CMY	1.0000, 0.3922, 0.5373
CMYK	1.00, 0.00, 0.24, 0.39
HSL	166°, 100%, 30%
HSV	166°, 100%, 61%
XYZ	14.9914, 24.7507, 21.1268
YIQ	104.4370, -80.5030, -44.3670

Conversions

Conversions Part 2

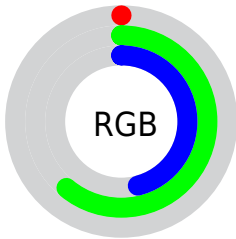
Format	Color
RYB	0, 88, 155
Decimal	39798
CIELab	56.83, -43.78, 9.79
CIELCh	57, 44.861, 167.400
Yxy	24.7507, 0.2463, 0.4066
Android (android.graphics.Color)	4278229878 (0xFF009B76)
YUV	104.4370, 6.6866, -91.5912
Hunter-Lab	49.7501, -33.2746, 9.6471

Details

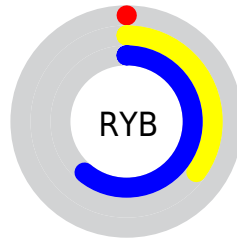
The Hex color **009B76** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9B0025**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **58D2AA**, and **006746** is the 20% darker color. If you saturate the color by 10%, you get **009B76**, and if you desaturate by 10%, it is **0F9B7A**.

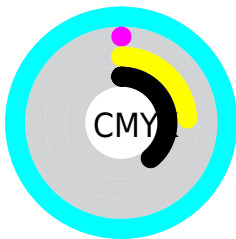
Distribution



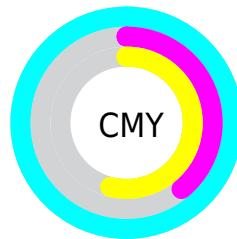
- Red (0%)
- Green (61%)
- Blue (46%)



- Red (0%)
- Yellow (35%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009B76 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 009B76 by changing the saturation by 10% instead.

 009B76

 009B76

FFFFFF

 00805D

 58D2AA

 006746

 76EFC5

 004E2F

 93FFE1

 00361A

 B1FFE

 002000

 CEFFF

 000000

 ECFFF

 009B76

 0F9B7A

 1F9B7D

 2F9B81

 3E9B85

 4E9B89

 5D9B8C

 6C9B90

 7C9B94

 8B9B97

Harmonies

Analogous

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



5C9651



009B76



009C9E

Triad

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



009B76



6F85D3



C77250

Complementary

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



009B76



9B0025

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.



D26873



009B76



A875BE

Square

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



009B76



0091D4



C8699B



AD803A

Rectangle

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



009B76



009BB7



C8699B



CD6E5B

Sweetspot

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



009B76



8DC9BB



279B00



41665D



E6E6E6



666666

Same Dimension

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



009B76



00C999



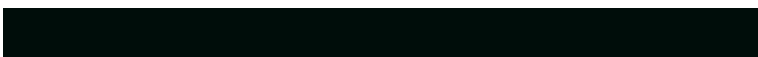
00749B



454D4B



008C6B



000D0A

Inverse Universe

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



9B0025



C90030



9B2700



4D4547



8C0021



0D0003

Previews

White Background



This preview shows how the Hex color 009B76 looks on a white background.

Color Contrast Check

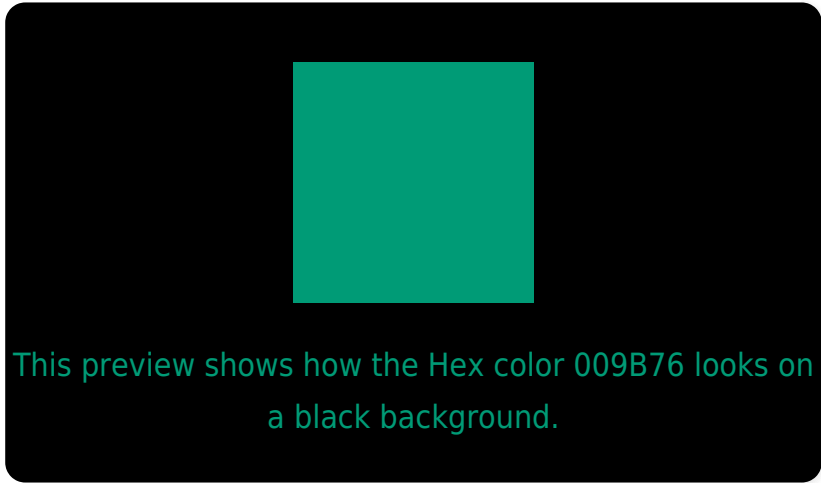
Large Text (above 18pt) WCAG AA ✓ Pass

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 009B76 Background



This preview shows how black text looks on a background with the Hex color 009B76.

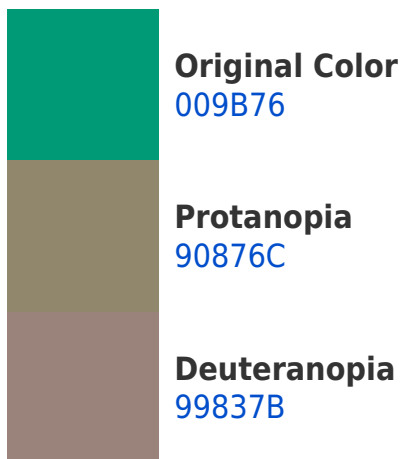


This preview shows how white text looks on a background with the Hex color 009B76.

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
3195A1

Trichromacy



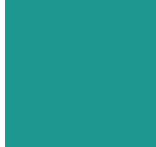
Original Color
009B76



Protanomaly
5C8E70



Deuteranomaly
618C79



Tritanomaly
1F9791

Monochromacy



Original Color
009B76



Achromatopsia
686868



Achromatomaly
427B6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 009B76 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 #009B76 looks like.

```
.text, #text, p{  
    color:#009B76  
}
```

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 #009B76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009B76
}
```

Border

The CSS property to change the border of an element to Hex 009B76 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
#009B76 }
```

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

```
.border{ border-color:#009B76 }
```

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

Here you see how a box with a 4 pixel #009B76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009B76; -webkit-box-shadow:4px 4px  
4px 4px #009B76; box-shadow:4px 4px 4px  
4px #009B76 }
```

Background

The CSS property to change the background color of an element to Hex 009B76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009B76 }
```

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

```
.background{ background-color:#009B76 }
```

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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