

Converting Colors

Hex(009271)

Have a look what the booklet for
Hex(009271) contains.

| | |
|--|----|
| Hex(009271) | 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(009271)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 009271 |
| RGB | 0, 146, 113 |
| RGB Percent | 0%, 57%, 44% |
| CMY | 1.0000, 0.4275, 0.5569 |
| CMYK | 1.00, 0.00, 0.23, 0.43 |
| HSL | 166°, 100%, 29% |
| HSV | 166°, 100%, 57% |
| XYZ | 13.2595, 21.7500, 19.1221 |
| YIQ | 98.5840, -76.4230, -41.2150 |

Conversions

Conversions Part 2

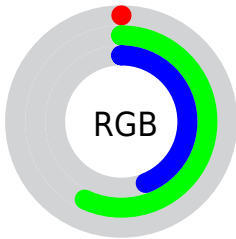
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 0, 82, 146 |
| Decimal | 37489 |
| CIELab | 53.76, -41.37, 8.28 |
| CIELCh | 54, 42.194, 168.688 |
| Yxy | 21.7500, 0.2449, 0.4018 |
| Android (android.graphics.Color) | 4278227569 (0xFF009271) |
| YUV | 98.5840, 7.1071, -86.4582 |
| Hunter-Lab | 46.6369, -30.8646, 8.3357 |

Details

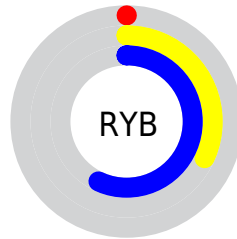
The Hex color **009271** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **920021**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **55C9A5**, and **005E41** is the 20% darker color. If you saturate the color by 10%, you get **009271**, and if you desaturate by 10%, it is **0F9274**.

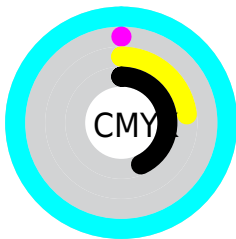
Distribution



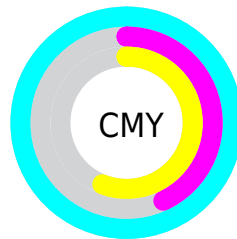
- Red (0%)
- Green (57%)
- Blue (44%)



- Red (0%)
- Yellow (32%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009271 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 009271 by changing the saturation by 10% instead.

 009271

 009271

FFFFFF

 007859

 55C9A5

 005E41

 73E5C0

 00462B

 90FFDC

 002F16

 ADFFF8

 001600

 CAFFFF

 000000

 E8FFFF

 009271

 0F9274

 1D9278

 2C927B

 3A927E

 499282

 589285

 669288

 75928B

 83928F

Harmonies

Analogous

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



558E4F



009271



009397

Triad

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



009271



6C7CC5



BA6C4B

Complementary

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



009271



920021

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.



C5636B



009271



A06EB1

Square

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



009271



0088C7



BD6390



A27A37

Rectangle

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



009271



0091AD



BD6390



C06855

Sweetspot

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



009271



84BDB0



229200



3C5E57



DEDEDE



5E5E5E

Same Dimension

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



009271



00BD92



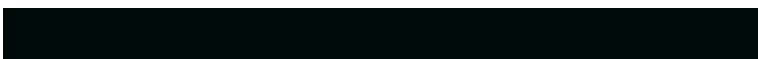
006B92



434A48



008A6B



000A08

Inverse Universe

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



920021



BD002B



922700



4A4344



8A001F



0A0002

Previews

White Background



This preview shows how the Hex color 009271 looks on a white background.

Color Contrast Check

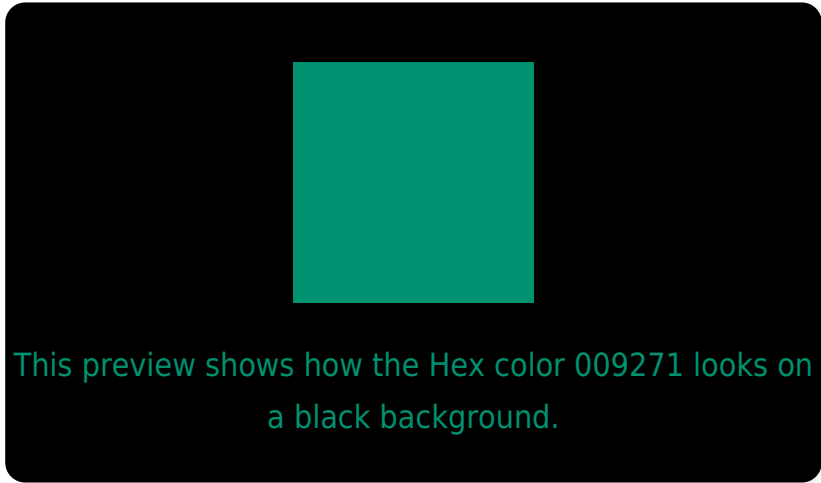
Large Text (above 18pt) WCAG AA ✓ Pass

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 009271 Background



This preview shows how black text looks on a background with the Hex color 009271.

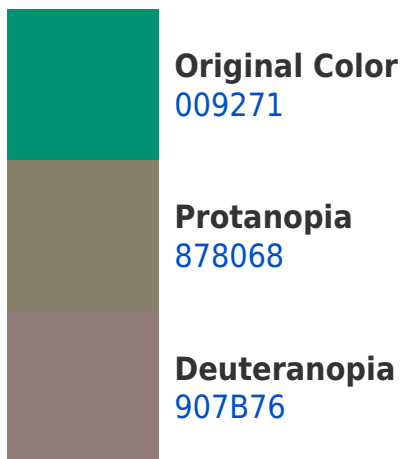


This preview shows how white text looks on a background with the Hex color 009271.

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
2E8D98

Trichromacy



Original Color
009271



Protanomaly
56876B



Deuteranomaly
5C8374



Tritanomaly
1D8F8A

Monochromacy



Original Color
009271



Achromatopsia
636363



Achromatomaly
3F7468

CSS Examples

Text

The CSS property to change the color of the text to Hex 009271 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 #009271 looks like.

```
.text, #text, p{  
    color:#009271  
}
```

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 #009271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009271
}
```

Border

The CSS property to change the border of an element to Hex 009271 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
#009271 }
```

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

```
.border{ border-color:#009271 }
```

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

Here you see how a box with a 4 pixel #009271 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009271; -webkit-box-shadow:4px 4px  
4px 4px #009271; box-shadow:4px 4px 4px  
4px #009271 }
```

Background

The CSS property to change the background color of an element to Hex 009271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009271 }
```

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

```
.background{ background-color:#009271 }
```

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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