

Converting Colors

Hex(009171)

Have a look what the booklet for
Hex(009171) contains.

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Color

Hex(009171)

Conversions

Conversions Part 1

Format	Color
Hex	009171
RGB	0, 145, 113
RGB Percent	0%, 57%, 44%
CMY	1.0000, 0.4314, 0.5569
CMYK	1.00, 0.00, 0.22, 0.43
HSL	167°, 100%, 28%
HSV	167°, 100%, 57%
XYZ	13.1060, 21.4431, 19.0709
YIQ	97.9970, -76.1480, -40.6920

Conversions

Conversions Part 2

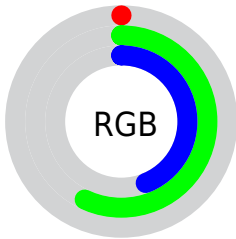
Format	Color
RYB	0, 81, 145
Decimal	37233
CIELab	53.43, -40.96, 7.81
CIELCh	53, 41.695, 169.207
Yxy	21.4431, 0.2444, 0.3999
Android (android.graphics.Color)	4278227313 (0xFF009171)
YUV	97.9970, 7.3965, -85.9434
Hunter-Lab	46.3066, -30.5163, 7.9966

Details

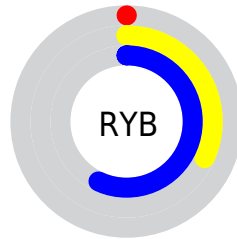
The Hex color **009171** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **910020**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **55C8A5**, and **005D41** is the 20% darker color. If you saturate the color by 10%, you get **009171**, and if you desaturate by 10%, it is **0E9174**.

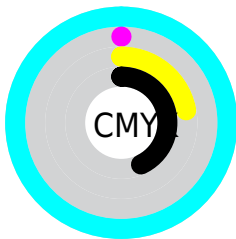
Distribution



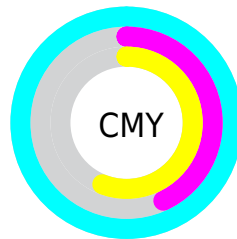
- Red (0%)
- Green (57%)
- Blue (44%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (43%)





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

Brightness & Saturation Gradients

These gradients show how the Hex color 009171 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 009171 by changing the saturation by 10% instead.

 009171

 009171

FFFFFF

 007759

 55C8A5

 005D41

 72E4C0

 00452B

 90FFDC

 002E16

 ADFFF8

 001400

 CAFFFF

 000000

 E8FFFF

 009171

 0E9174

 1D9177

 2C917B

 3A917E

 499181

 579184

 669187

 74918B

 83918E

Harmonies

Analogous

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



548D4F



009171



009296

Triad

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



009171



6D7BC3



B86C4B

Complementary

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



009171



910020

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.



C3626A



009171



9F6DAF

Square

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



009171



0087C6



BC638E



A07937

Rectangle

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



009171



0090AC



BC638E



BE6854

Sweetspot

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



009171



84BDB0



229100



3C5E57



DEDEDE



5E5E5E

Same Dimension

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



009171



00BD93



006A91



404746



008769



000806

Inverse Universe

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



910020



BD002A



912700



474042



87001E



080002

Previews

White Background



This preview shows how the Hex color 009171 looks on a white background.

Color Contrast Check

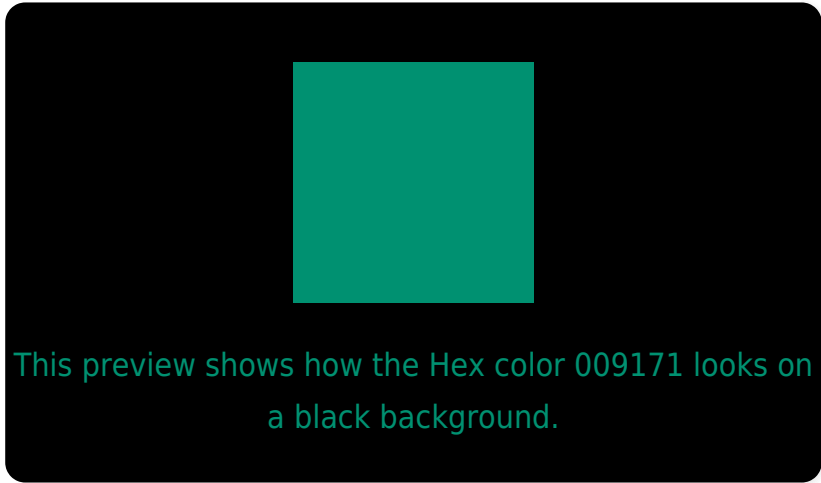
Large Text (above 18pt) WCAG AA ✓ Pass

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 009171 Background



This preview shows how black text looks on a background with the Hex color 009171.

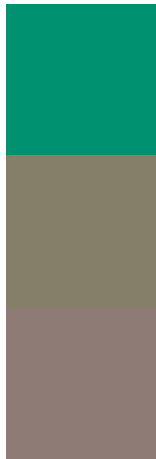


This preview shows how white text looks on a background with the Hex color 009171.

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
009171

Protanopia
867F68

Deuteranopia
8F7B76



Tritanopia
2D8C97

Trichromacy



Original Color
009171



Protanomaly
55866B



Deuteranomaly
5B8374



Tritanomaly
1D8E89

Monochromacy



Original Color
009171



Achromatopsia
626262



Achromatomaly
3E7367

CSS Examples

Text

The CSS property to change the color of the text to Hex 009171 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 #009171 looks like.

```
.text, #text, p{  
    color:#009171  
}
```

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 #009171 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009171
}
```

Border

The CSS property to change the border of an element to Hex 009171 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
#009171 }
```

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

```
.border{ border-color:#009171 }
```

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

Here you see how a box with a 4 pixel #009171 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009171; -webkit-box-shadow:4px 4px  
4px 4px #009171; box-shadow:4px 4px 4px  
4px #009171 }
```

Background

The CSS property to change the background color of an element to Hex 009171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009171 }
```

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

```
.background{ background-color:#009171 }
```

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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