

# Converting Colors

Hex(009072)

Have a look what the booklet for  
Hex(009072) contains.

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**Color**

**Hex(009072)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009072
RGB	0, 144, 114
RGB Percent	0%, 56%, 45%
CMY	1.0000, 0.4353, 0.5529
CMYK	1.00, 0.00, 0.21, 0.44
HSL	168°, 100%, 28%
HSV	168°, 100%, 56%
XYZ	13.0105, 21.1614, 19.3184
YIQ	97.5240, -76.1940, -39.8580

# Conversions

## Conversions Part 2

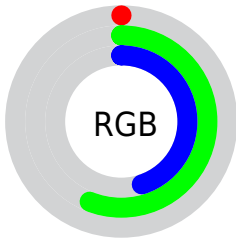
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 80, 144
Decimal	36978
CIELab	53.13, -40.27, 6.80
CIELCh	53, 40.841, 170.417
Yxy	21.1614, 0.2432, 0.3956
Android (android.graphics.Color)	4278227058 (0xFF009072)
YUV	97.5240, 8.1227, -85.5285
Hunter-Lab	46.0015, -30.0179, 7.3021

# Details

The Hex color **009072** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **90001E**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **55C7A6**, and **005C42** is the 20% darker color. If you saturate the color by 10%, you get **009072**, and if you desaturate by 10%, it is **0E9075**.

# Distribution



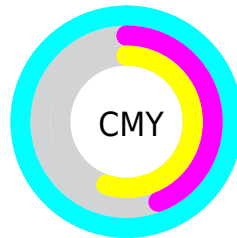
- Red (0%)
- Green (56%)
- Blue (45%)



- Red (0%)
- Yellow (31%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 009072 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 009072 by changing the saturation by 10% instead.



 009072

 009072

FFFFFF

 00765A

 55C7A6

 005C42

 72E3C1

 00442C

 8FFFDD

 002D17

 ACFFF9

 001300

 CAFFF

 000000

 E7FFF

 009072

 0E9075

 1D9078

 2B907B

 3A907E

 489081

 569084

 659087

 73908A

 82908D

# Harmonies

## Analogous

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



538C50



009072



009196

# Triad

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



009072



6F7AC1



B66C4A

# Complementary

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



009072



90001E

# 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.



C16268



009072



9F6CAC

# Square

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



009072



1686C4



BA628C



9D7938

# Rectangle

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



009072



008FAB



BA628C



BB6853



# Sweetspot

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



009072



82BAAF



1F9000



3C5E57



DEDEDE



5E5E5E



# Same Dimension

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



009072



00BA93



006790



404746



00876B



000806



# Inverse Universe

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



90001E



BA0027



902900



474042



87001C



080002



# Previews

## White Background



This preview shows how the Hex color 009072 looks on a white background.

## Color Contrast Check

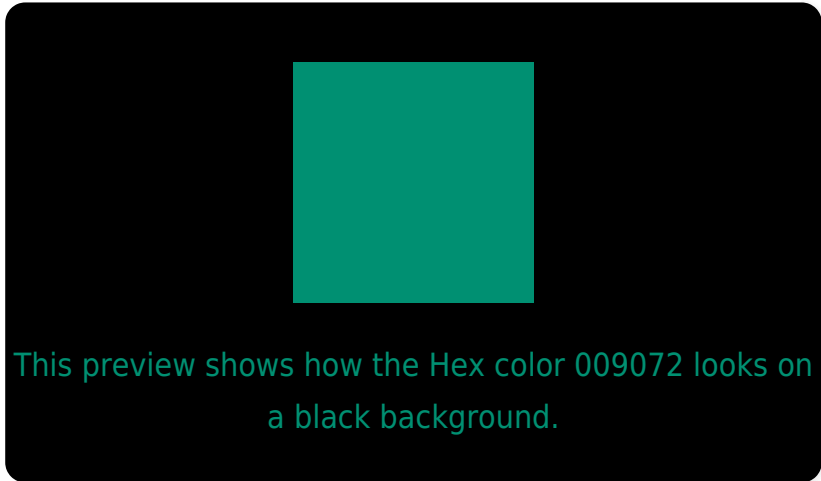
Large Text (above 18pt) WCAG AA ✓ Pass

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

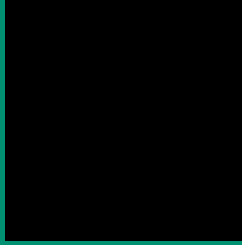
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 009072 Background



This preview shows how black text looks on a background with the Hex color 009072.



This preview shows how white text looks on a background with the Hex color 009072.

# 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**  
009072

**Protanopia**  
857E69

**Deuteranopia**  
8D7A77



**Tritanopia**  
2C8B96

# Trichromacy



**Original Color**  
009072



**Protanomaly**  
55856C



**Deuteranomaly**  
5A8275



**Tritanomaly**  
1C8D89

# Monochromacy



**Original Color**  
009072



**Achromatopsia**  
626262



**Achromatomaly**  
3E7368

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 009072 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 #009072 looks like.

```
.text, #text, p{  
    color:#009072  
}
```

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 #009072 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009072
}
```

## Border

The CSS property to change the border of an element to Hex 009072 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
#009072 }
```

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

```
.border{ border-color:#009072 }
```

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

Here you see how a box with a 4 pixel #009072 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009072; -webkit-box-shadow:4px 4px  
4px 4px #009072; box-shadow:4px 4px 4px  
4px #009072 }
```

# Background

The CSS property to change the background color of an element to Hex 009072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009072 }
```

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

```
.background{ background-color:#009072 }
```

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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