

# Converting Colors

Hex(008972)

Have a look what the booklet for  
Hex(008972) contains.

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# Color

Hex(008972)

# Conversions

## Conversions Part 1

Format	Color
Hex	008972
RGB	0, 137, 114
RGB Percent	0%, 54%, 45%
CMY	1.0000, 0.4627, 0.5529
CMYK	1.00, 0.00, 0.17, 0.46
HSL	170°, 100%, 27%
HSV	170°, 100%, 54%
XYZ	11.9829, 19.1062, 18.9759
YIQ	93.4150, -74.2690, -36.1970

# Conversions

## Conversions Part 2

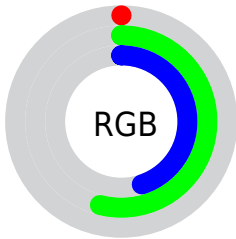
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 75, 137
Decimal	35186
CIELab	50.81, -37.27, 3.48
CIElCh	51, 37.428, 174.670
Yxy	19.1062, 0.2393, 0.3816
Android (android.graphics.Color)	4278225266 (0xFF008972)
YUV	93.4150, 10.1484, -81.9250
Hunter-Lab	43.7107, -27.5594, 4.8582

# Details

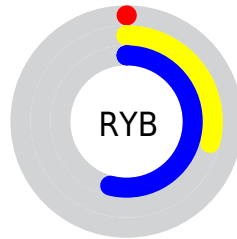
The Hex color **008972** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **890017**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **53BFA6**, and **005642** is the 20% darker color. If you saturate the color by 10%, you get **008972**, and if you desaturate by 10%, it is **0E8974**.

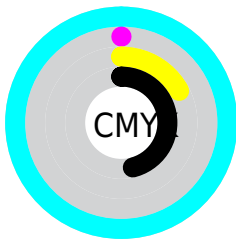
# Distribution



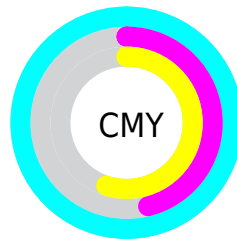
- Red (0%)
- Green (54%)
- Blue (45%)



- Red (0%)
- Yellow (29%)
- Blue (54%)



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (46%)



- Cyan (100%)
- Magenta (46%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008972 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 008972 by changing the saturation by 10% instead.



 008972

 008972

FFFFFF

 006F5A

 53BFA6

 005642

 70DBC1

 003E2C

 8DF8DD

 002817

 AAFF9

 000600

 C7FFFF

 000000

 E5FFFF

 008972

 0E8974

 1B8977

 298979

 37897B

 45897E

 528980

 608982

 6E8984

 7B8987

# Harmonies

## Analogous

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



4B8653



008972



008993

# Triad

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



008972



7373B3



A96A46

# Complementary

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



008972



890017

# 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.



B56060



008972



9B679E

# Square

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



008972



337EB8



B15F80



917538

# Rectangle

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



008972



0087A5



B15F80



AE664E



# Sweetspot

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



008972



7DB3AA



198900



395954



D9D9D9



595959



# Same Dimension

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



008972



00B395



005E89



3E4544



00856E



000504



# Inverse Universe

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



890017



B3001E



892B00



453E3F



850016



050001



# Previews

## White Background



This preview shows how the Hex color 008972 looks on a white background.

## Color Contrast Check

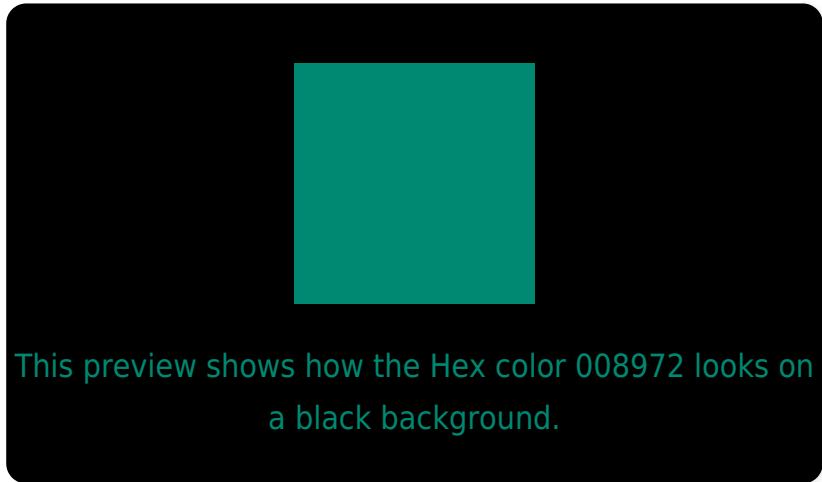
Large Text (above 18pt) WCAG AA ✓ Pass

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

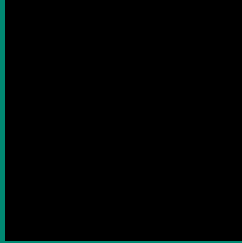
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 008972 Background



This preview shows how black text looks on a background with the Hex color 008972.

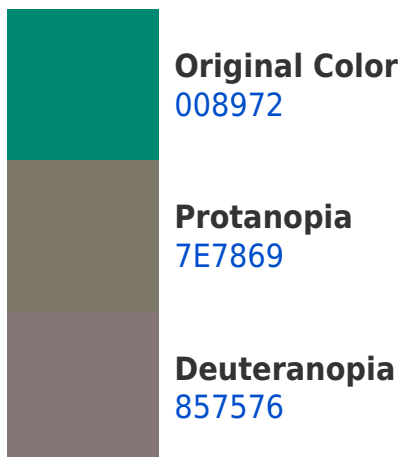


This preview shows how white text looks on a background with the Hex color 008972.

# 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**  
278590

# Trichromacy



**Original Color**  
008972



**Protanomaly**  
507E6C



**Deuteranomaly**  
557C75



**Tritanomaly**  
198685

# Monochromacy



**Original Color**  
008972



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
3B6D65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008972 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 #008972 looks like.

```
.text, #text, p{  
    color:#008972  
}
```

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 #008972 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008972
}
```

## Border

The CSS property to change the border of an element to Hex 008972 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
#008972 }
```

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

```
.border{ border-color:#008972 }
```

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

Here you see how a box with a 4 pixel #008972 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008972; -webkit-box-shadow:4px 4px  
4px 4px #008972; box-shadow:4px 4px 4px  
4px #008972 }
```

# Background

The CSS property to change the background color of an element to Hex 008972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008972 }
```

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

```
.background{ background-color:#008972 }
```

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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