

Converting Colors

Hex(009472)

Have a look what the booklet for
Hex(009472) contains.

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Color

Hex(009472)

Conversions

Conversions Part 1

Format	Color
Hex	009472
RGB	0, 148, 114
RGB Percent	0%, 58%, 45%
CMY	1.0000, 0.4196, 0.5529
CMYK	1.00, 0.00, 0.23, 0.42
HSL	166°, 100%, 29%
HSV	166°, 100%, 58%
XYZ	13.6272, 22.3947, 19.5240
YIQ	99.8720, -77.2940, -41.9500

Conversions

Conversions Part 2

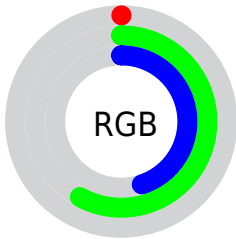
Format	Color
RYB	0, 84, 148
Decimal	38002
CIELab	54.44, -41.94, 8.67
CIELCh	54, 42.829, 168.316
Yxy	22.3947, 0.2453, 0.4032
Android (android.graphics.Color)	4278228082 (0xFF009472)
YUV	99.8720, 6.9651, -87.5877
Hunter-Lab	47.3231, -31.4144, 8.6650

Details

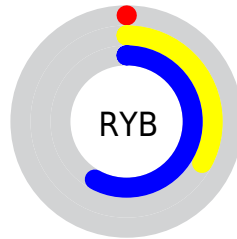
The Hex color **009472** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **940022**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **56CBA6**, and **006042** is the 20% darker color. If you saturate the color by 10%, you get **009472**, and if you desaturate by 10%, it is **0F9475**.

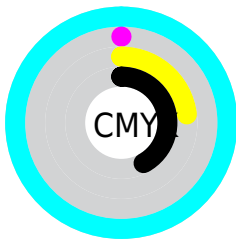
Distribution



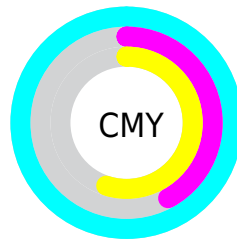
- Red (0%)
- Green (58%)
- Blue (45%)



- Red (0%)
- Yellow (33%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009472 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 009472 by changing the saturation by 10% instead.

 009472

 009472

FFFFFF

 007A59

 56CBA6

 006042

 73E7C1

 00472C

 91FFDD

 003017

 AEFFF9

 001800

 CBFFFF

 000000

 E9FFFF

 009472

 0F9475

 1E9479

 2C947C

 3B9480

 4A9483

 599486

 68948A

 76948D

 859491

Harmonies

Analogous

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



57904F



009472



009598

Triad

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



009472



6D7EC8



BD6D4C

Complementary

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



009472



940022

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.



C8646D



009472



A170B4

Square

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



009472



008ACA



BF6492



A47B38

Rectangle

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



009472



0093AF



BF6492



C36956

Sweetspot

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



009472



86BFB2



239400



3E6159



E0E0E0



616161

Same Dimension

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



009472



00BF93



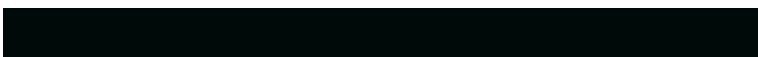
006D94



434A48



008A6A



000A08

Inverse Universe

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



940022



BF002C



942700



4A4344



8A0020



0A0002

Previews

White Background



This preview shows how the Hex color 009472 looks on a white background.

Color Contrast Check

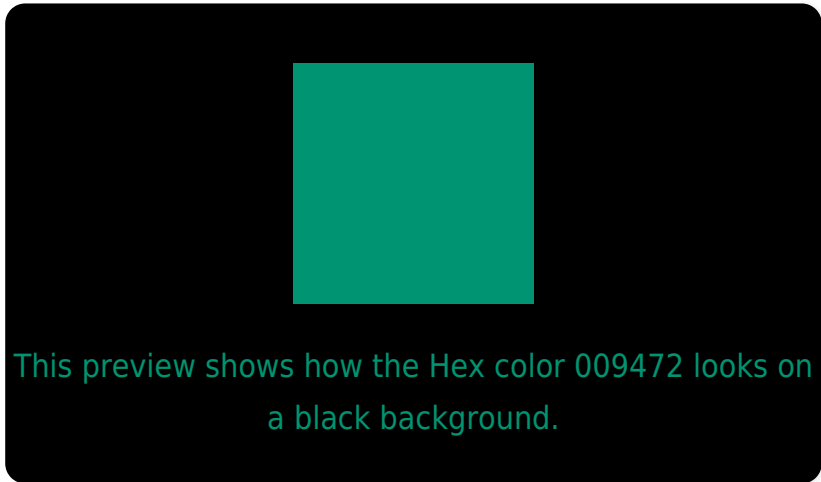
Large Text (above 18pt) WCAG AA ✓ Pass

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

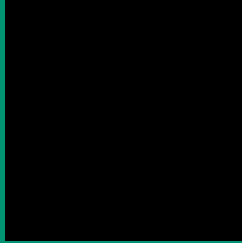
Any Text WCAG AA ✓ Pass

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 009472 Background



This preview shows how black text looks on a background with the Hex color 009472.

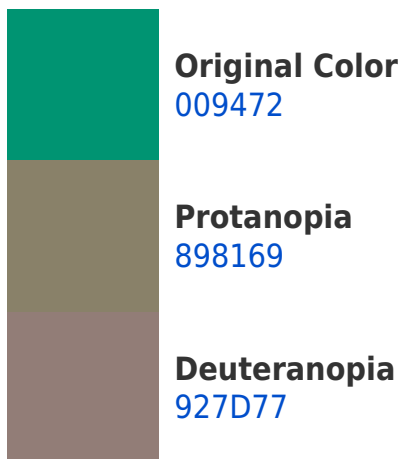


This preview shows how white text looks on a background with the Hex color 009472.

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
2E8F9A

Trichromacy



Original Color
009472



Protanomaly
57886C



Deuteranomaly
5D8575



Tritanomaly
1D918B

Monochromacy



Original Color
009472



Achromatopsia
646464



Achromatomaly
407569

CSS Examples

Text

The CSS property to change the color of the text to Hex 009472 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 #009472 looks like.

```
.text, #text, p{  
    color:#009472  
}
```

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 #009472 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009472
}
```

Border

The CSS property to change the border of an element to Hex 009472 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
#009472 }
```

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

```
.border{ border-color:#009472 }
```

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

Here you see how a box with a 4 pixel #009472 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009472; -webkit-box-shadow:4px 4px  
4px 4px #009472; box-shadow:4px 4px 4px  
4px #009472 }
```

Background

The CSS property to change the background color of an element to Hex 009472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009472 }
```

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

```
.background{ background-color:#009472 }
```

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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