

# Converting Colors

Hex(009382)

Have a look what the booklet for  
Hex(009382) contains.

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# Color

Hex(009382)

# Conversions

## Conversions Part 1

Format	Color
Hex	009382
RGB	0, 147, 130
RGB Percent	0%, 58%, 51%
CMY	1.0000, 0.4235, 0.4902
CMYK	1.00, 0.00, 0.12, 0.42
HSL	173°, 100%, 29%
HSV	173°, 100%, 58%
XYZ	14.4630, 22.4791, 24.6957
YIQ	101.1090, -82.1550, -36.4510

# Conversions

## Conversions Part 2

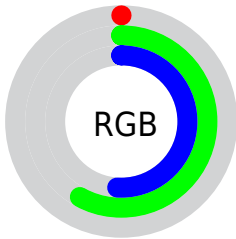
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 78, 147
Decimal	37762
CIELab	54.53, -37.08, -0.36
CIELCh	55, 37.080, 180.561
Yxy	22.4791, 0.2346, 0.3647
Android (android.graphics.Color)	4278227842 (0xFF009382)
YUV	101.1090, 14.2433, -88.6726
Hunter-Lab	47.4122, -28.5203, 2.3060

# Details

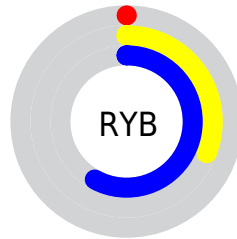
The Hex color **009382** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **930011**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **57CAB7**, and **005F51** is the 20% darker color. If you saturate the color by 10%, you get **009382**, and if you desaturate by 10%, it is **0F9384**.

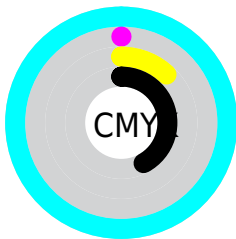
# Distribution



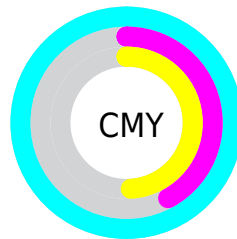
- Red (0%)
- Green (58%)
- Blue (51%)



- Red (0%)
- Yellow (31%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 009382 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 009382 by changing the saturation by 10% instead.



 009382

 009382

FFFFFF

 007969

 57CAB7

 005F51

 75E6D2

 00473A

 92FFEF

 003024

 AFFFFFF

 001910

 CDFFFF

 000000

 EBFFFF

 009382

 0F9384

 1D9385

 2C9387

 3B9389

 4A938B

 58938C

 67938E

 769390

 849391

# Harmonies

## Analogous

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



4D9062



009382



0092A2

# Triad

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



009382



867ABA



AF754B

# Complementary

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



009382



930011

# 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.



BE6B64



009382



AB6EA2

# Square

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



009382



4F86C2



BD6883



968141

# Rectangle

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



009382



0090B3



BD6883



B67252



# Sweetspot

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



009382



86BFB9



119300



3E615D



E0E0E0



616161



# Same Dimension

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



009382



00BFA9



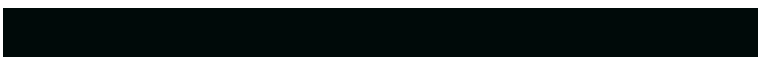
005B93



434A49



008A7A



000A09



# Inverse Universe

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



930011



BF0016



933800



4A4343



8A0010



0A0001



# Previews

## White Background



This preview shows how the Hex color 009382 looks on a white background.

## Color Contrast Check

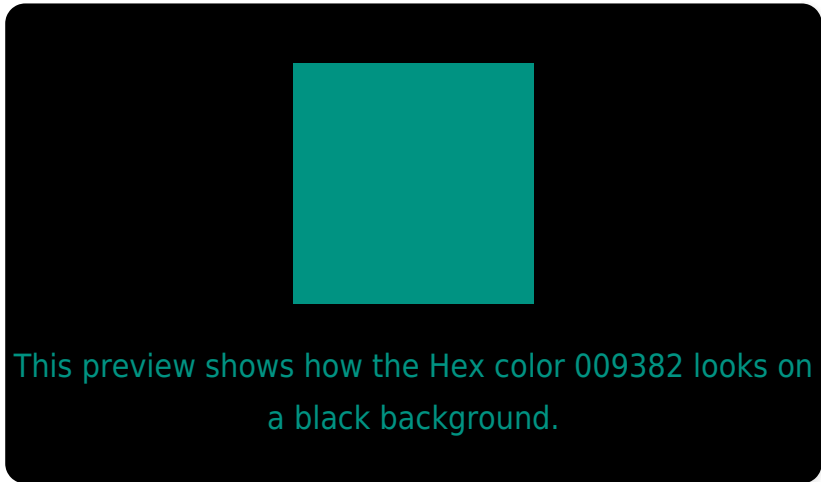
Large Text (above 18pt) WCAG AA ✓ Pass

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

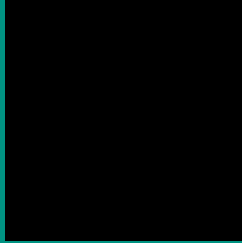
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 009382 Background



This preview shows how black text looks on a background with the Hex color 009382.

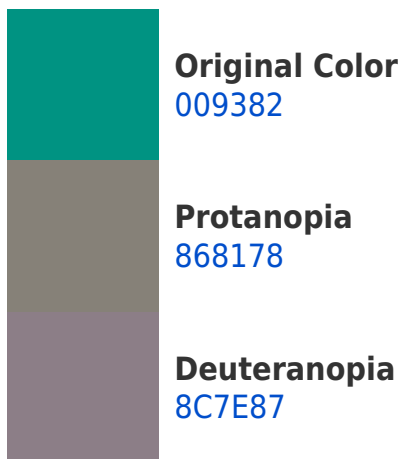


This preview shows how white text looks on a background with the Hex color 009382.

# 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**  
278F9B

# Trichromacy



**Original Color**  
009382



**Protanomaly**  
55887C



**Deuteranomaly**  
598685



**Tritanomaly**  
199092

# Monochromacy



**Original Color**  
009382



**Achromatopsia**  
656565



**Achromatomaly**  
407670

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 009382 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 #009382 looks like.

```
.text, #text, p{  
    color:#009382  
}
```

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 #009382 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009382
}
```

## Border

The CSS property to change the border of an element to Hex 009382 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
#009382 }
```

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

```
.border{ border-color:#009382 }
```

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

Here you see how a box with a 4 pixel #009382 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009382; -webkit-box-shadow:4px 4px  
4px 4px #009382; box-shadow:4px 4px 4px  
4px #009382 }
```

# Background

The CSS property to change the background color of an element to Hex 009382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009382 }
```

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

```
.background{ background-color:#009382 }
```

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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