

Converting Colors

Hex(039970)

Have a look what the booklet for
Hex(039970) contains.

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Color

Hex(039970)

Conversions

Conversions Part 1

Format	Color
Hex	039970
RGB	3, 153, 112
RGB Percent	1%, 60%, 44%
CMY	0.9882, 0.4000, 0.5608
CMYK	0.98, 0.00, 0.27, 0.40
HSL	164°, 96%, 31%
HSV	164°, 98%, 60%
XYZ	14.3534, 23.9717, 19.1997
YIQ	103.4760, -76.2390, -44.5510

Conversions

Conversions Part 2

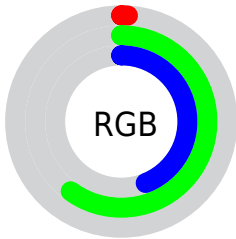
Format	Color
RYB	3, 90, 153
Decimal	235888
CIELab	56.06, -44.34, 12.09
CIELCh	56, 45.957, 164.750
Yxy	23.9717, 0.2495, 0.4167
Android (android.graphics.Color)	4278425968 (0xFF039970)
YUV	103.4760, 4.2023, -88.1175
Hunter-Lab	48.9609, -33.3523, 11.0224

Details

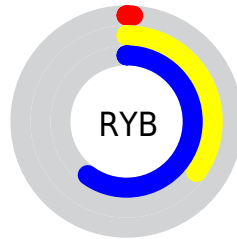
The Hex color **039970** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **99032C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **58D0A4**, and **006540** is the 20% darker color. If you saturate the color by 10%, you get **00996F**, and if you desaturate by 10%, it is **129974**.

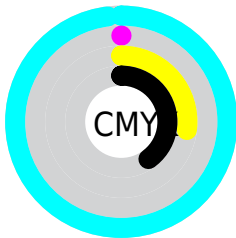
Distribution



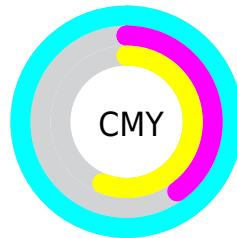
- Red (1%)
- Green (60%)
- Blue (44%)



- Red (1%)
- Yellow (35%)
- Blue (60%)



- Cyan (98%)
- Magenta (0%)
- Yellow (27%)
- Black (40%)



- Cyan (99%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 039970 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 039970 by changing the saturation by 10% instead.

 039970

 039970

FFFFFF

 007E58

 58D0A4

 006540

 76EDBF

 004C2A

 93FFDB

 003415

 B0FFF7

 001D00

 CEFFFF

 000000

 ECFFFF

 039970

 039970

 00996F

 129974

■ 229978

■ 31997D

■ 409981

■ 4F9985

■ 5F9989

■ 6E998D

■ 7D9991

■ 8D9996

Harmonies

Analogous

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



5D944B



039970



009A99

Triad

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



039970



6584D4



C86E50

Complementary

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



039970



99032C

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.



D16474



039970



A274BF

Square

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



039970



0090D3



C5679C



AE7D37

Rectangle

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



039970



0099B3



C5679C



CD6A5B

Sweetspot

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



039970



8DC7B7



2E9903



41635A



E3E3E3



636363

Same Dimension

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



039970



00C791



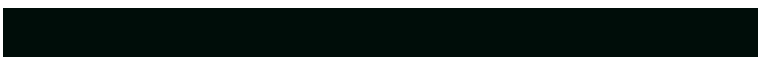
037899



454D4A



008C66



000D09

Inverse Universe

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



99032C



C70036



992303



4D4547



8C0026



0D0003

Previews

White Background



This preview shows how the Hex color 039970 looks on a white background.

Color Contrast Check

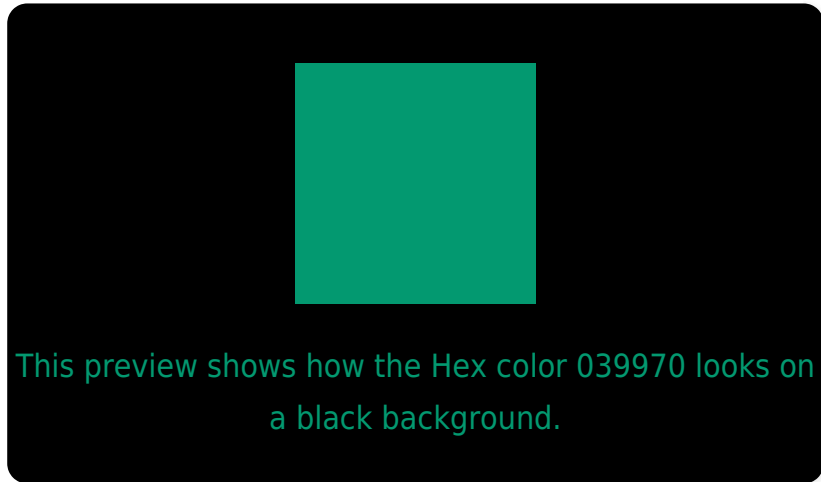
Large Text (above 18pt) WCAG AA ✓ Pass

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

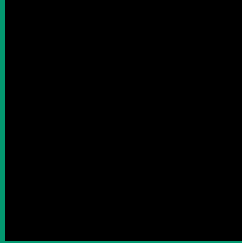
Any Text WCAG AA ✓ Pass

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 039970 Background



This preview shows how black text looks on a background with the Hex color 039970.

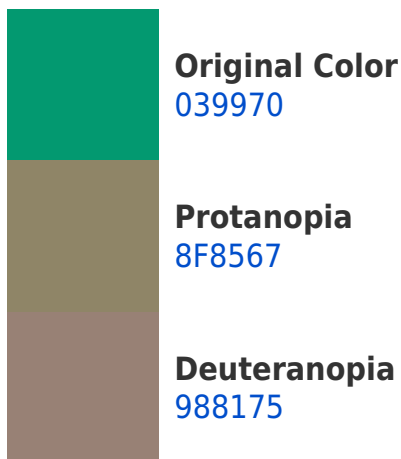


This preview shows how white text looks on a background with the Hex color 039970.

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
32939F

Trichromacy



Original Color
039970



Protanomaly
5C8C6A



Deuteranomaly
628A73



Tritanomaly
21958E

Monochromacy



Original Color
039970



Achromatopsia
676767



Achromatomaly
43796A

CSS Examples

Text

The CSS property to change the color of the text to Hex 039970 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 #039970 looks like.

```
.text, #text, p{  
    color:#039970  
}
```

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 #039970 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #039970
}
```

Border

The CSS property to change the border of an element to Hex 039970 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
#039970 }
```

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

```
.border{ border-color:#039970 }
```

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

Here you see how a box with a 4 pixel #039970 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #039970; -webkit-box-shadow:4px 4px  
4px 4px #039970; box-shadow:4px 4px 4px  
4px #039970 }
```

Background

The CSS property to change the background color of an element to Hex 039970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#039970 }
```

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

```
.background{ background-color:#039970 }
```

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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