

# Converting Colors

Hex(039000)

Have a look what the booklet for  
Hex(039000) contains.

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**Color**

**Hex(039000)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	039000
RGB	3, 144, 0
RGB Percent	1%, 56%, 0%
CMY	0.9882, 0.4353, 1.0000
CMYK	0.98, 0.00, 1.00, 0.44
HSL	119°, 100%, 28%
HSV	119°, 100%, 56%
XYZ	10.0108, 19.9659, 3.3262
YIQ	85.4250, -37.8120, -74.6760

# Conversions

## Conversions Part 2

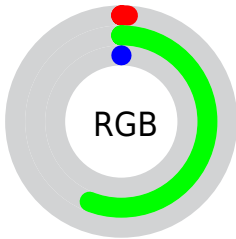
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 144, 141
Decimal	233472
CIELab	51.80, -56.11, 54.37
CIELCh	52, 78.131, 135.899
Yxy	19.9659, 0.3006, 0.5995
Android (android.graphics.Color)	4278423552 (0xFF039000)
YUV	85.4250, -42.1145, -72.2867
Hunter-Lab	44.6832, -38.2045, 26.8647

# Details

The Hex color **039000** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **8D0090**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **58C744**, and **005C00** is the 20% darker color. If you saturate the color by 10%, you get **039000**, and if you desaturate by 10%, it is **11900E**.

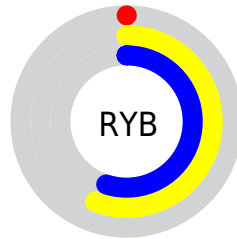
# Distribution



Red (1%)

Green (56%)

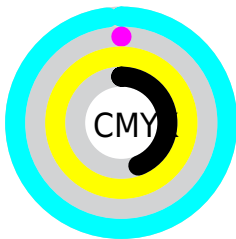
Blue (0%)



Red (0%)

Yellow (56%)

Blue (55%)

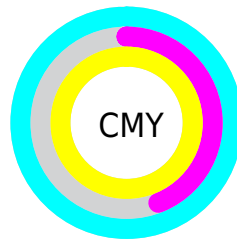


Cyan (98%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (99%)

Magenta (44%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 039000 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 039000 by changing the saturation by 10% instead.



 039000

 039000

FFFFFF

 007600

 58C744

 005C00

 76E45E

 004300

 93FF79

 002D00

 B1FF95

 000C00

 CEFFB0

 000000

 ECFFCD

 FFFFEA

 039000

 11900E

 1F901D

 2D902B

 3B903A

 4A9048

 589056

 669065

 749073

 829082

# Harmonies

## Analogous

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



758300



039000



009658

# Triad

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



039000



008DFF



EE205B

# Complementary

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



039000



8D0090

# 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.



E1289E



039000



0078FE

# Square

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



039000



0096DB



A855DA



DA4A18

# Rectangle

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



039000



009887



A855DA



EE1771



# Sweetspot

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



039000



83BA82



908B00



3D5E3C



DEDEDE



5E5E5E



# Same Dimension

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



039000



04BA00



009043



404740



038700



000800



# Inverse Universe

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



8D0090



B600BA



90004D



474047



840087

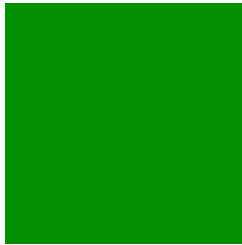


070008



# Previews

## White Background



This preview shows how the Hex color 039000 looks on a white background.

## Color Contrast Check

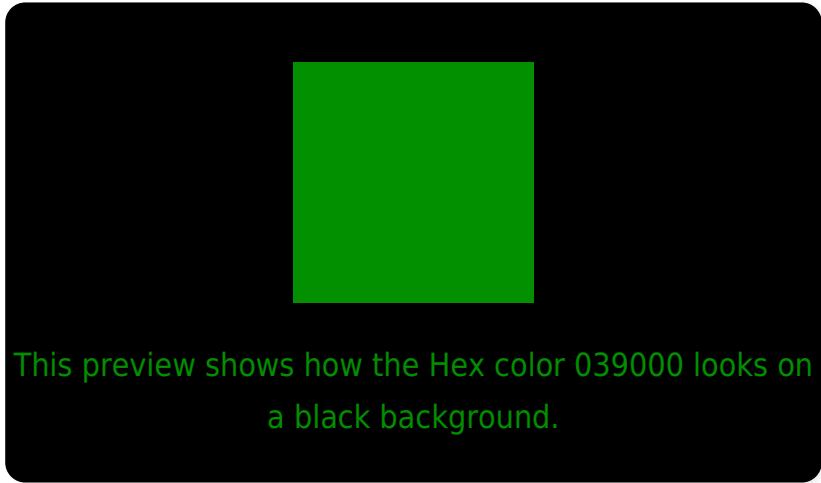
Large Text (above 18pt) WCAG AA ✓ Pass

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 039000 Background



This preview shows how black text looks on a background with the Hex color 039000.




This preview shows how white text looks on a background with the Hex color 039000.

# 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**  
3C8691

# Trichromacy



**Original Color**  
039000



**Protanomaly**  
5A8300



**Deuteranomaly**  
647F14



**Tritanomaly**  
278A5C

# Monochromacy



**Original Color**  
039000



**Achromatopsia**  
555555



**Achromatomaly**  
376A36

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 039000 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 #039000 looks like.

```
.text, #text, p{  
    color:#039000  
}
```

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 #039000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #039000
}
```

## Border

The CSS property to change the border of an element to Hex 039000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

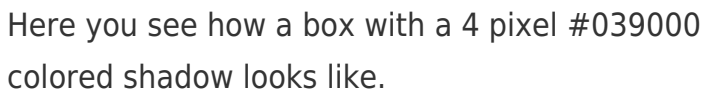
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#039000 }
```

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

```
.border{ border-color:#039000 }
```

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



Here you see how a box with a 4 pixel #039000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #039000; -webkit-box-shadow:4px 4px  
4px 4px #039000; box-shadow:4px 4px 4px  
4px #039000 }
```

# Background

The CSS property to change the background color of an element to Hex 039000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#039000 }
```

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

```
.background{ background-color:#039000 }
```

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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