

# Converting Colors

Hex(039423)

Have a look what the booklet for  
Hex(039423) contains.

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**Color**

**Hex(039423)**

# Conversions

## Conversions Part 1

Format	Color
Hex	039423
RGB	3, 148, 35
RGB Percent	1%, 58%, 14%
CMY	0.9882, 0.4196, 0.8627
CMYK	0.98, 0.00, 0.76, 0.42
HSL	133°, 96%, 30%
HSV	133°, 98%, 58%
XYZ	10.9308, 21.3205, 5.1293
YIQ	91.7630, -50.1470, -65.8830

# Conversions

## Conversions Part 2

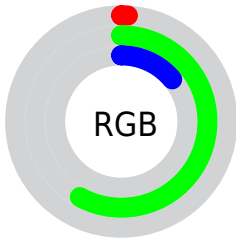
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 122, 148
Decimal	234531
CIELab	53.30, -55.55, 47.25
CIELCh	53, 72.926, 139.617
Yxy	21.3205, 0.2924, 0.5704
Android (android.graphics.Color)	4278424611 (0xFF039423)
YUV	91.7630, -27.9842, -77.8452
Hunter-Lab	46.1741, -38.5484, 25.7357

# Details

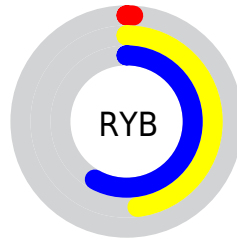
The Hex color **039423** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **940374**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **58CB58**, and **006000** is the 20% darker color. If you saturate the color by 10%, you get **009421**, and if you desaturate by 10%, it is **12942F**.

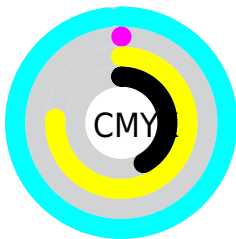
# Distribution



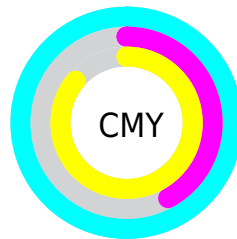
- Red (1%)
- Green (58%)
- Blue (14%)



- Red (1%)
- Yellow (48%)
- Blue (58%)



- Cyan (98%)
- Magenta (0%)
- Yellow (76%)
- Black (42%)



- Cyan (99%)
- Magenta (42%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 039423 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 039423 by changing the saturation by 10% instead.



 039423

 039423

FFFFFF

 007900

 58CB58

 006000

 76E872

 004600

 93FF8D

 003000

 B0FFA8

 001400

 CEFFC4

 000000

 ECFFE0

 FFFFFD

 039423

 039423

■ 009421

■ 12942F

■ 21943A

■ 2F9446

■ 3E9451

■ 4D945D

■ 5C9468

■ 6B9474

■ 79947F

■ 88948B

# Harmonies

## Analogous

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



738900



039423



009967

# Triad

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



039423



008DFC



EC3859

# Complementary

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



039423



940374

# 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.



E33798



039423



4078F7

# Square

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



039423



0098DF



B358D2



D6571C

# Rectangle

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



039423



009B93



B358D2



EC326E



# Sweetspot

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



039423



88BF94



759403



3F6146



E0E0E0



616161



# Same Dimension

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



039423



00BF2A



03946B



434A44



008A1E



000A02



# Inverse Universe

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



940374



BF0095



94032C



4A4348



8A006B

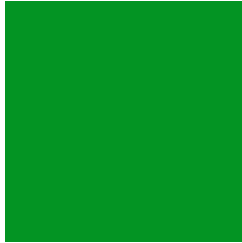


0A0008



# Previews

## White Background



This preview shows how the Hex color 039423 looks on a white background.

## Color Contrast Check

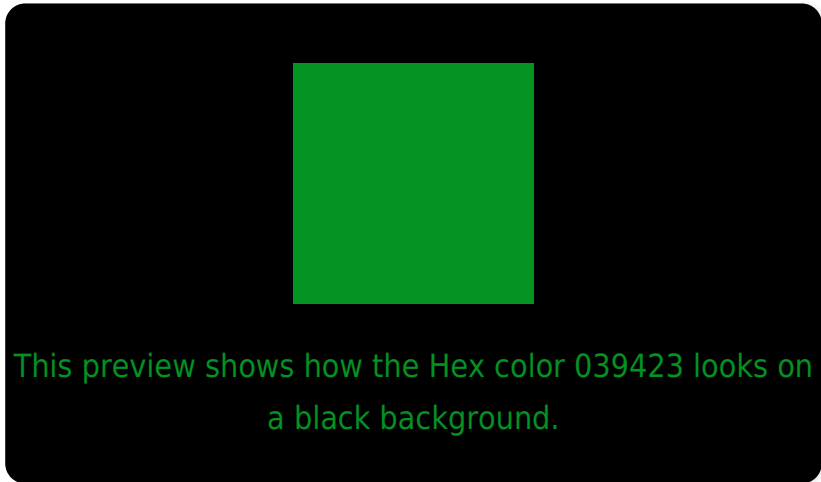
Large Text (above 18pt) WCAG AA ✓ Pass

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 039423 Background



This preview shows how black text looks on a background with the Hex color 039423.



This preview shows how white text looks on a background with the Hex color 039423.

# 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**  
3D8A95

# Trichromacy



**Original Color**

039423



**Protanomaly**

5B8720



**Deuteranomaly**

66822B



**Tritanomaly**

288E6C

# Monochromacy



**Original Color**

039423



**Achromatopsia**

5C5C5C



**Achromatomaly**

3C7047

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 039423 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 #039423 looks like.

```
.text, #text, p{  
    color:#039423  
}
```

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 #039423 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #039423
}
```

## Border

The CSS property to change the border of an element to Hex 039423 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".

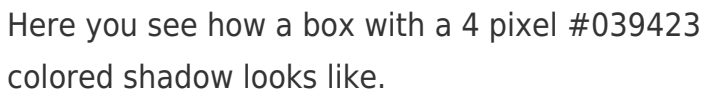
```
.border, #border, table{ border:4px solid
#039423 }
```

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

```
.border{ border-color:#039423 }
```

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

Here you see how a box with a 4 pixel #039423 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #039423; -webkit-box-shadow:4px 4px  
4px 4px #039423; box-shadow:4px 4px 4px  
4px #039423 }
```

# Background

The CSS property to change the background color of an element to Hex 039423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#039423 }
```

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

```
.background{ background-color:#039423 }
```

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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