

# Converting Colors

Hex(39003C)

Have a look what the booklet for  
Hex(39003C) contains.

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# Color

**Hex(39003C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	39003C
RGB	57, 0, 60
RGB Percent	22%, 0%, 24%
CMY	0.7765, 1.0000, 0.7647
CMYK	0.05, 1.00, 0.00, 0.76
HSL	297°, 100%, 12%
HSV	297°, 100%, 24%
XYZ	2.5030, 1.1961, 4.3739
YIQ	23.8830, 14.7120, 30.7440

# Conversions

## Conversions Part 2

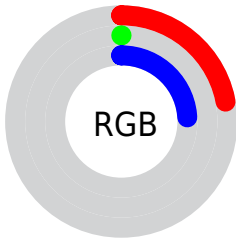
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 0, 60
Decimal	3735612
CIELab	10.53, 34.41, -22.76
CIElCh	11, 41.254, 326.520
Yxy	1.1961, 0.3100, 0.1482
Android (android.graphics.Color)	4281925692 (0xFF39003C)
YUV	23.8830, 17.8057, 29.0436
Hunter-Lab	10.9366, 21.7123, -16.0563

# Details

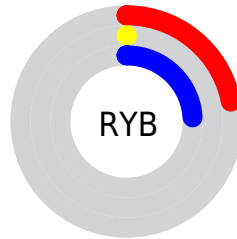
The Hex color **39003C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **033C00**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **6B326C**, and **00010F** is the 20% darker color. If you saturate the color by 10%, you get **39003C**, and if you desaturate by 10%, it is **39063C**.

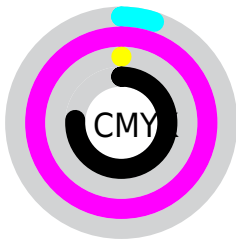
# Distribution



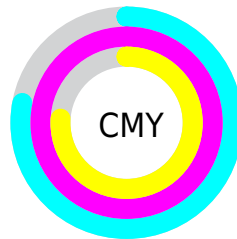
- Red (22%)
- Green (0%)
- Blue (24%)



- Red (22%)
- Yellow (0%)
- Blue (24%)



- Cyan (5%)
- Magenta (100%)
- Yellow (0%)
- Black (76%)



- Cyan (78%)
- Magenta (100%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39003C 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 39003C by changing the saturation by 10% instead.



 39003C

 39003C

 FFEAFF

 260026

 6B326C

 00010F

 854A85

 000000

 A063A0

 BB7DBB

 D797D6

 F4B2F3

 FFCEFF

 39003C

■ 39063C

■ 3A0C3C

■ 3A123C

■ 3A183C

■ 3A1E3C

■ 3B243C

■ 3B2A3C

■ 3B303C

■ 3C363C

# Harmonies

## Analogous

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



031750



39003C



490021

# Triad

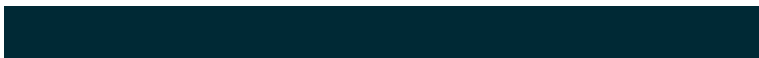
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39003C



281B00



002935

# Complementary

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



39003C



033C00

# 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.



002918



39003C



0A2200

# Square

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



39003C



3C0B00



002700



00274C

# Rectangle

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



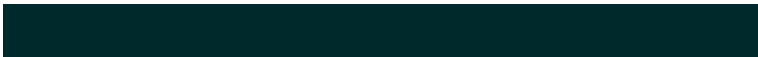
39003C



4A000D



002700



00292C



# Sweetspot

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



39003C



4E374F



00033C



281A29



A8A8A8



292929



# Same Dimension

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



39003C



4B004F



3C0021



1E1C1F



5A005E



D300DE



# Inverse Universe

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



3C0003



4F0004



003C1B



1F1C1C



5E0005

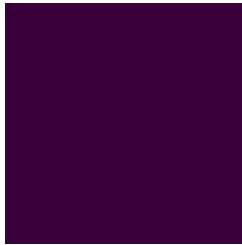


DE000B



# Previews

## White Background



This preview shows how the Hex color 39003C looks on a white background.

## Color Contrast Check

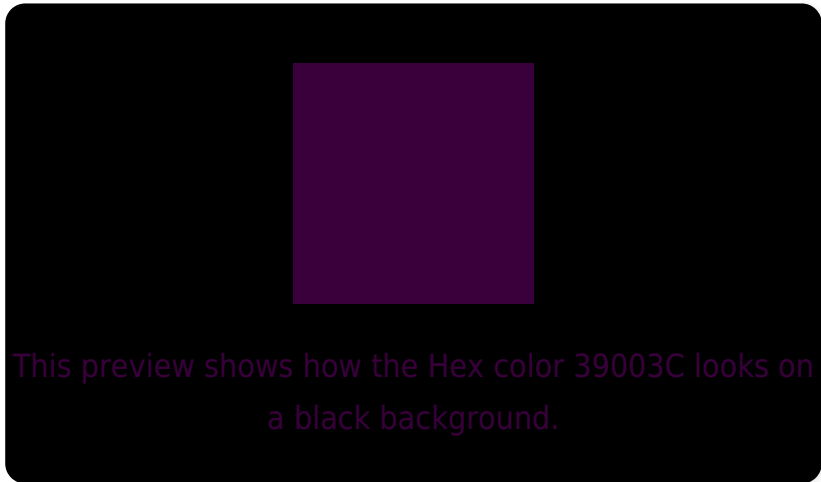
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

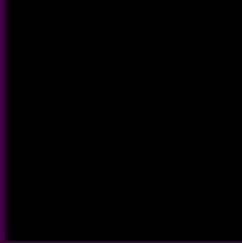
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 39003C Background



This preview shows how black text looks on a background with the Hex color 39003C.



This preview shows how white text looks on a background with the Hex color 39003C.

# 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



**Original Color**  
39003C

**Protanopia**  
002044

**Deuteranopia**  
102138



**Tritanopia**  
351819

# Trichromacy



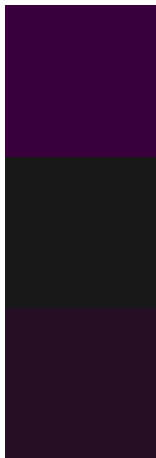
**Original Color**  
39003C

**Protanomaly**  
151441

**Deuteranomaly**  
1F1539

**Tritanomaly**  
360F26

# Monochromacy



**Original Color**  
39003C

**Achromatopsia**  
181818

**Achromatomaly**  
240F25

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39003C 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 #39003C looks like.

```
.text, #text, p{  
    color:#39003C  
}
```

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 #39003C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39003C
}
```

## Border

The CSS property to change the border of an element to Hex 39003C is called "border". The border property can be set on classes, ids or directly on the HTML element.

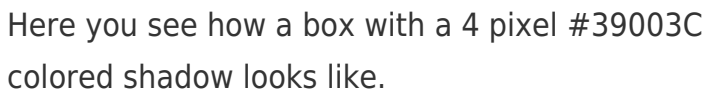
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#39003C }
```

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

```
.border{ border-color:#39003C }
```

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



Here you see how a box with a 4 pixel #39003C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39003C; -webkit-box-shadow:4px 4px  
4px 4px #39003C; box-shadow:4px 4px 4px  
4px #39003C }
```

# Background

The CSS property to change the background color of an element to Hex 39003C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39003C }
```

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

```
.background{ background-color:#39003C }
```

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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