

# Converting Colors

Hex(40093B)

Have a look what the booklet for  
Hex(40093B) contains.

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**Color**

**Hex(40093B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	40093B
RGB	64, 9, 59
RGB Percent	25%, 4%, 23%
CMY	0.7490, 0.9647, 0.7686
CMYK	0.00, 0.86, 0.08, 0.75
HSL	305°, 75%, 14%
HSV	305°, 86%, 25%
XYZ	3.0015, 1.6011, 4.2885
YIQ	31.1450, 16.7300, 27.2100

# Conversions

## Conversions Part 2

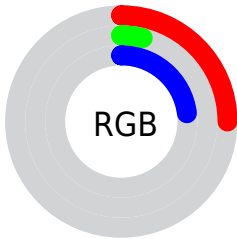
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	64, 9, 59
Decimal	4196667
CIE <sub>Lab</sub>	13.24, 32.02, -17.64
CIE <sub>LCh</sub>	13, 36.556, 331.150
Yxy	1.6011, 0.3376, 0.1801
Android (android.graphics.Color)	4282386747 (0xFF40093B)
YUV	31.1450, 13.7325, 28.8138
Hunter-Lab	12.6536, 20.1968, -11.2370

# Details

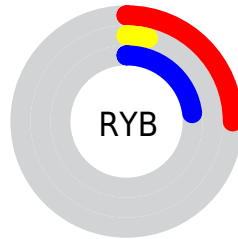
The Hex color **40093B** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **09400E**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **723A6B**, and **01000E** is the 20% darker color. If you saturate the color by 10%, you get **40033A**, and if you desaturate by 10%, it is **400F3C**.

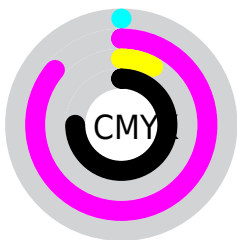
# Distribution



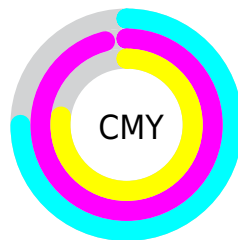
- Red (25%)
- Green (4%)
- Blue (23%)



- Red (25%)
- Yellow (4%)
- Blue (23%)



- Cyan (0%)
- Magenta (86%)
- Yellow (8%)
- Black (75%)



- Cyan (75%)
- Magenta (96%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40093B 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 40093B by changing the saturation by 10% instead.



 40093B

 40093B

 FFF4FF

 2A0025

 723A6B

 01000E

 8C5284

 000000

 A76B9E

 C385B9

 DFA0D5

 FCBBF1

 FFD7FF

 40093B

 40093B

■ 40033A

■ 400F3C

■ 40003A

■ 40163C

■ 401C3D

■ 40233D

■ 40293E

■ 402F3E

■ 40363F

■ 403C40

■ 404340

# Harmonies

## Analogous

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



1F1B4E



40093B



4C0022

# Triad

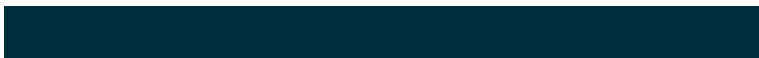
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40093B



2B2100



002D3C

# Complementary

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



40093B



09400E

# 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.



002D22



40093B



112800

# Square

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



40093B



3E1600



002B03



002B4F

# Rectangle

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



40093B



4C0011



002B03



002D34



# Sweetspot

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



40093B



543E52



0E0940



2B1E2A



ABABAB



2B2B2B



# Same Dimension

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



40093B



54004D



400920



211E21



610058



E000CC



# Inverse Universe

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



40093B



54004D



094029



211E21



610058

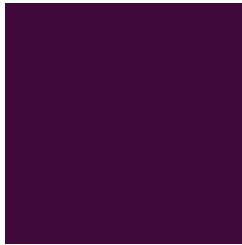


E000CC



# Previews

## White Background



This preview shows how the Hex color 40093B looks on a white background.

## Color Contrast Check

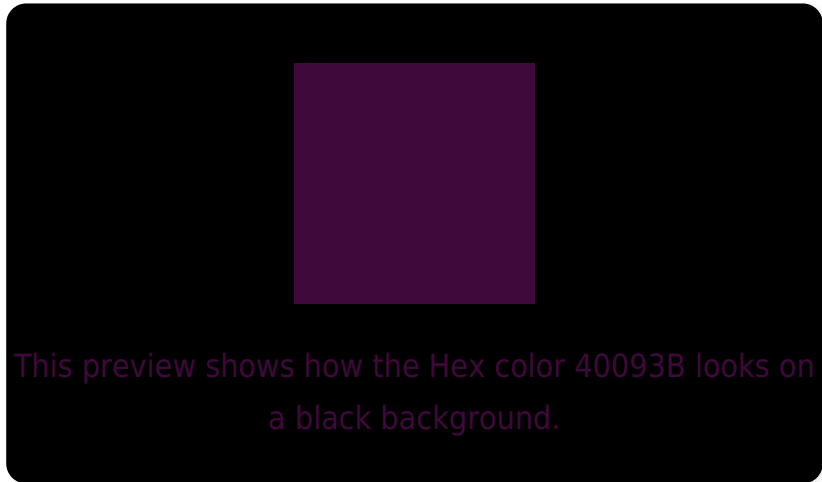
Large Text (above 18pt) WCAG AA ✓ Pass

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

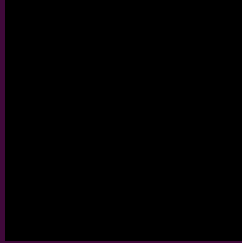
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 40093B Background



This preview shows how black text looks on a background with the Hex color 40093B.

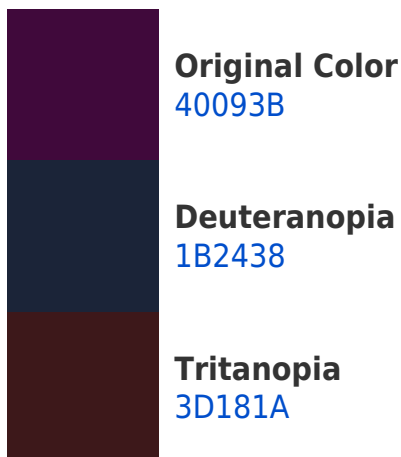


This preview shows how white text looks on a background with the Hex color 40093B.

# 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



# Trichromacy



**Original Color**  
40093B

**Deuteranomaly**  
281A39

**Tritanomaly**  
3E1326

# Monochromacy



**Original Color**  
40093B

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
2B1729

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40093B 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 #40093B looks like.

```
.text, #text, p{  
    color:#40093B  
}
```

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 #40093B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40093B
}
```

## Border

The CSS property to change the border of an element to Hex 40093B is called "border". The border property can be set on classes, ids or directly on the HTML element.

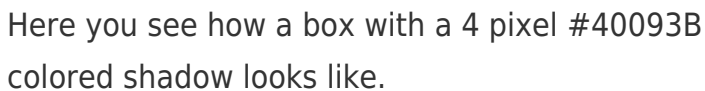
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40093B }
```

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

```
.border{ border-color:#40093B }
```

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



Here you see how a box with a 4 pixel #40093B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40093B; -webkit-box-shadow:4px 4px  
4px 4px #40093B; box-shadow:4px 4px 4px  
4px #40093B }
```

# Background

The CSS property to change the background color of an element to Hex 40093B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40093B }
```

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

```
.background{ background-color:#40093B }
```

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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