

Converting Colors

Hex(010839)

Have a look what the booklet for
Hex(010839) contains.

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Color

Hex(010839)

Conversions

Conversions Part 1

Format	Color
Hex	010839
RGB	1, 8, 57
RGB Percent	0%, 3%, 22%
CMY	0.9961, 0.9686, 0.7765
CMYK	0.98, 0.86, 0.00, 0.78
HSL	232°, 97%, 11%
HSV	232°, 98%, 22%
XYZ	0.8379, 0.4755, 3.9185
YIQ	11.4930, -19.9010, 13.7550

Conversions

Conversions Part 2

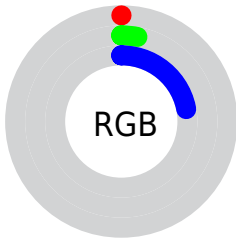
Format	Color
RYB	1, 7, 57
Decimal	67641
CIELab	4.30, 15.81, -31.04
CIELCh	4, 34.833, 296.989
Yxy	0.4755, 0.1601, 0.0909
Android (android.graphics.Color)	4278257721 (0xFF010839)
YUV	11.4930, 22.4350, -9.2024
Hunter-Lab	6.8958, 9.6207, -28.8641

Details

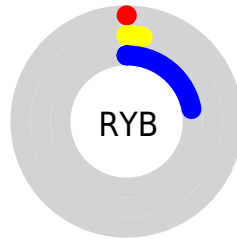
The Hex color **010839** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **393201**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **343469**, and **00000A** is the 20% darker color. If you saturate the color by 10%, you get **000739**, and if you desaturate by 10%, it is **070D39**.

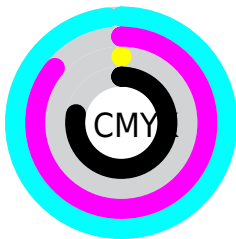
Distribution



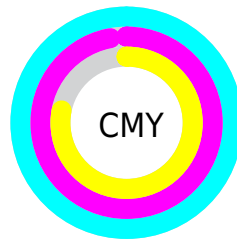
- Red (0%)
- Green (3%)
- Blue (22%)



- Red (0%)
- Yellow (3%)
- Blue (22%)



- Cyan (98%)
- Magenta (86%)
- Yellow (0%)
- Black (78%)




- Cyan (100%)
- Magenta (97%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 010839 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 010839 by changing the saturation by 10% instead.

 010839

 010839

 EFE7FF

 000223

 343469

 00000A

 4D4A82

 000000

 66629C

 807BB7

 9B95D3

 B6B0F0

 D2CBFF

 010839

 010839

■ 000739

■ 070D39

■ 0C1239

■ 121739

■ 181C39

■ 1E2139

■ 232639

■ 292B39

■ 2F3039

■ 343539

Harmonies

Analogous

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



00143E



010839



280029

Triad

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



010839



290000



00180A

Complementary

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



010839



393201

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.



001800



010839



170D00

Square

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



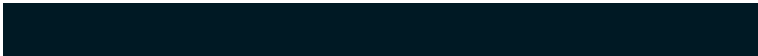
010839



330000



001600



001924

Rectangle

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



010839



32001B



001600



001800

Sweetspot

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



010839



35374A



013932



191B26



A6A6A6



262626

Same Dimension

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



010839



00094A



160139



191A1C



000B5C



001BDB

Inverse Universe

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



390108



4A0009



243901



1C191A



5C000B



DB001B

Previews

White Background



This preview shows how the Hex color 010839 looks on a white background.

Color Contrast Check

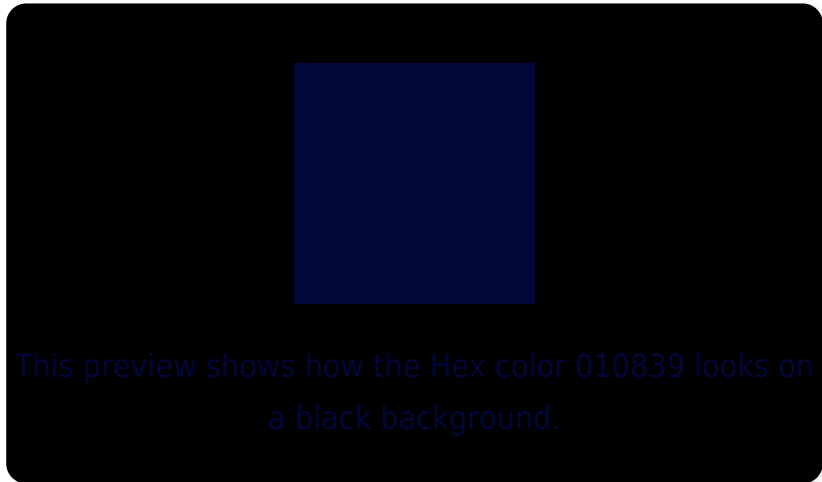
Large Text (above 18pt) WCAG AA ✓ Pass

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

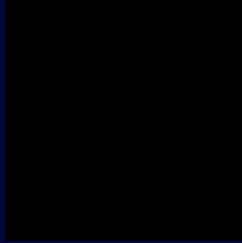
Any Text WCAG AA × Fail

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 010839 Background



This preview shows how black text looks on a background with the Hex color 010839.



This preview shows how white text looks on a background with the Hex color 010839.

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
010839

Protanopia
001225

Deuteranopia
00131F



Tritanopia
001415

Trichromacy



Original Color
010839

Protanomaly
000E2C

Deuteranomaly
000F28

Tritanomaly
001022

Monochromacy



Original Color
010839

Achromatopsia
0B0B0B

Achromatomaly
070A1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 010839 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 #010839 looks like.

```
.text, #text, p{  
    color:#010839  
}
```

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 #010839 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #010839
}
```

Border

The CSS property to change the border of an element to Hex 010839 is called "border". The border property can be set on classes, ids or directly on the HTML element.

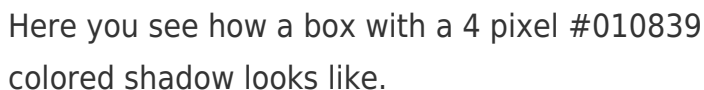
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#010839 }
```

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

```
.border{ border-color:#010839 }
```

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



Here you see how a box with a 4 pixel #010839 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #010839; -webkit-box-shadow:4px 4px  
4px 4px #010839; box-shadow:4px 4px 4px  
4px #010839 }
```

Background

The CSS property to change the background color of an element to Hex 010839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#010839 }
```

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

```
.background{ background-color:#010839 }
```

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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