

Converting Colors

Hex(0C043B)

Have a look what the booklet for
Hex(0C043B) contains.

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Color

Hex(0C043B)

Conversions

Conversions Part 1

Format	Color
Hex	0C043B
RGB	12, 4, 59
RGB Percent	5%, 2%, 23%
CMY	0.9529, 0.9843, 0.7686
CMYK	0.80, 0.93, 0.00, 0.77
HSL	249°, 87%, 12%
HSV	249°, 93%, 23%
XYZ	0.9845, 0.4808, 4.1786
YIQ	12.6620, -12.8870, 18.8010

Conversions

Conversions Part 2

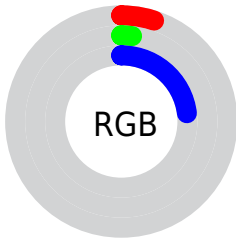
Format	Color
R_{YB}	12, 4, 59
Decimal	787515
CIE _{Lab}	4.34, 21.31, -32.39
CIE _{LCh}	4, 38.767, 303.340
Yxy	0.4808, 0.1744, 0.0852
Android (android.graphics.Color)	4278977595 (0xFF0C043B)
YUV	12.6620, 22.8446, -0.5806
Hunter-Lab	6.9337, 13.2096, -30.8774

Details

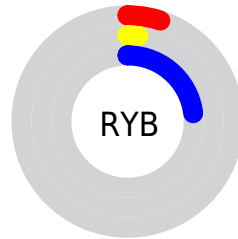
The Hex color **0C043B** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **333B04**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **3D306B**, and **00010D** is the 20% darker color. If you saturate the color by 10%, you get **09003B**, and if you desaturate by 10%, it is **110A3B**.

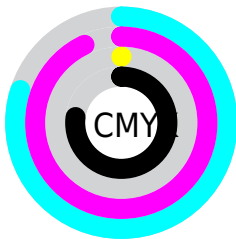
Distribution



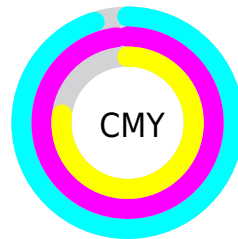
- Red (5%)
- Green (2%)
- Blue (23%)



- Red (5%)
- Yellow (2%)
- Blue (23%)



- Cyan (80%)
- Magenta (93%)
- Yellow (0%)
- Black (77%)



- Cyan (95%)
- Magenta (98%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C043B 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 0C043B by changing the saturation by 10% instead.

■ 0C043B

■ 0C043B

■ F9E4FF

■ 000225

■ 3D306B

■ 00010D

■ 564784

■ 000000

■ 6F5F9F

■ 8A78BA

■ A592D6

■ C0ACF2

■ DDC8FF

■ 0C043B

■ 0C043B

■ 09003B

■ 110A3B

■ 16103B

■ 1B163B

■ 201C3B

■ 25223B

■ 2A273B

■ 2F2D3B

■ 34333B

■ 39393B

Harmonies

Analogous

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



001344



0C043B



2F0027

Triad

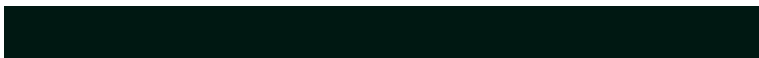
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0C043B



280200



001812

Complementary

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



0C043B



333B04

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



0C043B



111000

Square

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



0C043B



350000



001800



001A2C

Rectangle

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



0C043B



370017



001800



001804

Sweetspot

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



0C043B



3A374D



04343B



1B1926



A6A6A6



262626

Same Dimension

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



0C043B



0B004D



27043B



1C1C1F



0E005E



2000DE

Inverse Universe

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



3B0433



4D0041



183B04



1F1C1E



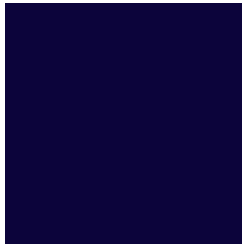
5E0051



DE00BE

Previews

White Background



This preview shows how the Hex color 0C043B looks on a white background.

Color Contrast Check

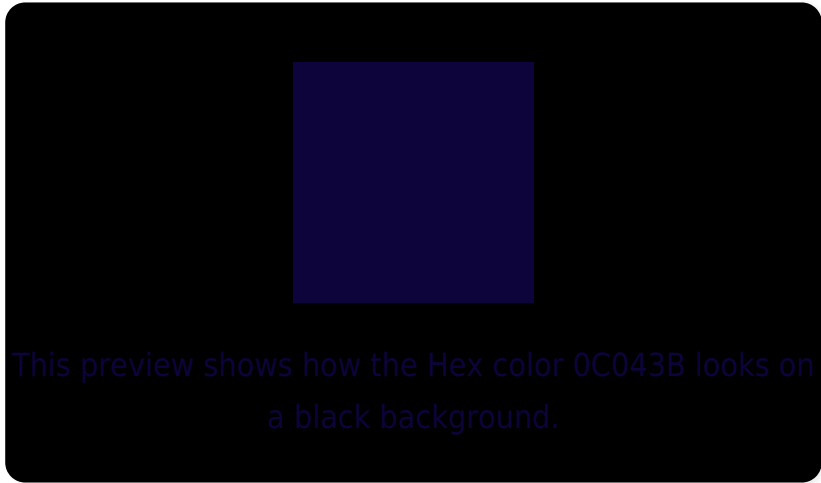
Large Text (above 18pt) WCAG AA ✓ Pass

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

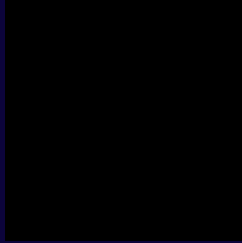
Any Text WCAG AA × Fail

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 0C043B Background



This preview shows how black text looks on a background with the Hex color 0C043B.



This preview shows how white text looks on a background with the Hex color 0C043B.

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
0C043B

Protanopia
001226

Deuteranopia
001320



Tritanopia
001516

Trichromacy



Original Color
0C043B

Protanomaly
040D2E

Deuteranomaly
040E2A

Tritanomaly
040F23

Monochromacy



Original Color
0C043B

Achromatopsia
0D0D0D

Achromatomaly
0D0A1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C043B 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 #0C043B looks like.

```
.text, #text, p{  
    color:#0C043B  
}
```

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 #0C043B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C043B
}
```

Border

The CSS property to change the border of an element to Hex 0C043B 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".

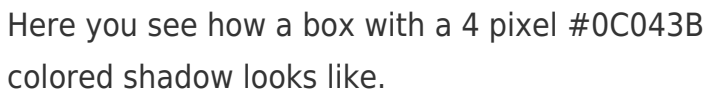
```
.border, #border, table{ border:4px solid
#0C043B }
```

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

```
.border{ border-color:#0C043B }
```

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

Here you see how a box with a 4 pixel #0C043B colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C043B; -webkit-box-shadow:4px 4px  
4px 4px #0C043B; box-shadow:4px 4px 4px  
4px #0C043B }
```

Background

The CSS property to change the background color of an element to Hex 0C043B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C043B }
```

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

```
.background{ background-color:#0C043B }
```

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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