

Converting Colors

Hex(000837)

Have a look what the booklet for
Hex(000837) contains.

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Color

Hex(000837)

Conversions

Conversions Part 1

Format	Color
Hex	000837
RGB	0, 8, 55
RGB Percent	0%, 3%, 22%
CMY	1.0000, 0.9686, 0.7843
CMYK	1.00, 0.85, 0.00, 0.78
HSL	231°, 100%, 11%
HSV	231°, 100%, 22%
XYZ	0.7764, 0.4495, 3.6603
YIQ	10.9660, -19.8550, 12.9210

Conversions

Conversions Part 2

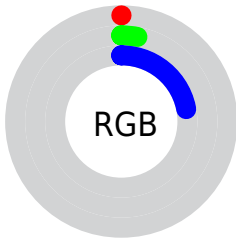
Format	Color
RYB	0, 7, 55
Decimal	2103
CIELab	4.06, 14.30, -29.96
CIELCh	4, 33.200, 295.521
Yxy	0.4495, 0.1589, 0.0920
Android (android.graphics.Color)	4278192183 (0xFF000837)
YUV	10.9660, 21.7088, -9.6172
Hunter-Lab	6.7045, 8.9386, -27.6758

Details

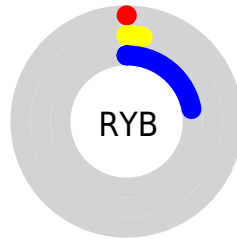
The Hex color **000837** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **372F00**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **323466**, and **000006** is the 20% darker color. If you saturate the color by 10%, you get **000837**, and if you desaturate by 10%, it is **050D37**.

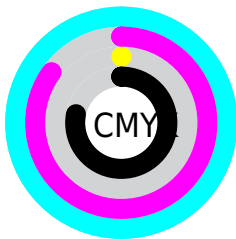
Distribution



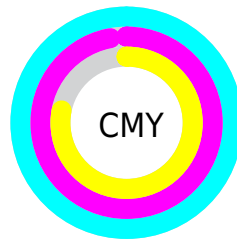
- Red (0%)
- Green (3%)
- Blue (22%)



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



- Cyan (100%)
- Magenta (85%)
- Yellow (0%)
- Black (78%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 000837 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 000837 by changing the saturation by 10% instead.

 000837

 000837

 EDE7FF

 000221

 323466

 000006

 4B4B80

 000000

 64639A

 7E7BB5

 9995D1

 B4B0ED

 D0CBFF

 000837

■ 050D37

■ 0B1137

■ 111637

■ 161B37

■ 1C2037

■ 212437

■ 272937

■ 2C2E37

■ 323237

Harmonies

Analogous

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



00133B



000837



260028

Triad

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



000837



290000



001708

Complementary

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



000837



372F00

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.



001700



000837



180C00

Square

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



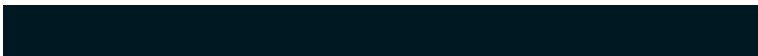
000837



320000



001500



001822

Rectangle

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



000837



2F001B



001500



001700

Sweetspot

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



000837



323547



00372F



171924



A3A3A3



242424

Same Dimension

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



000837



000A47



130037



191A1C



000D5C



0020DB

Inverse Universe

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



370008



47000A



243700



1C191A



5C000D



DB0020

Previews

White Background



This preview shows how the Hex color 000837 looks on a white background.

Color Contrast Check

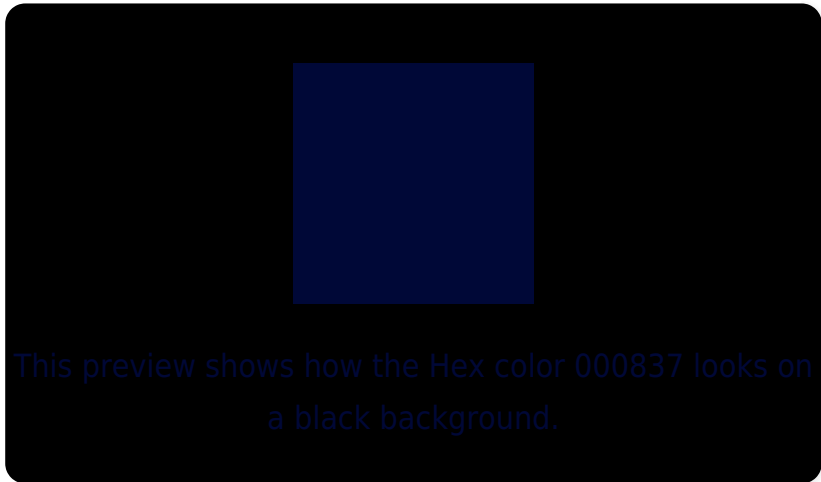
Large Text (above 18pt) WCAG AA ✓ Pass

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

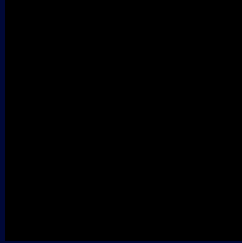
Any Text WCAG AA × Fail

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 000837 Background



This preview shows how black text looks on a background with the Hex color 000837.



This preview shows how white text looks on a background with the Hex color 000837.

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
000837

Protanopia
001124

Deuteranopia
00121E



Tritanopia
001415

Trichromacy



Original Color
000837

Protanomaly
000E2B

Deuteranomaly
000E27

Tritanomaly
001021

Monochromacy



Original Color
000837

Achromatopsia
0B0B0B

Achromatomaly
070A1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 000837 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 #000837 looks like.

```
.text, #text, p{  
    color:#000837  
}
```

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 #000837 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000837
}
```

Border

The CSS property to change the border of an element to Hex 000837 is called "border". The border property can be set on classes, ids or directly on the HTML element.

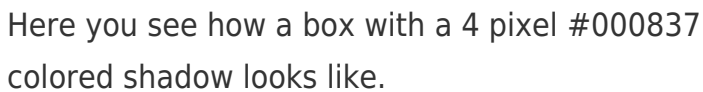
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#000837 }
```

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

```
.border{ border-color:#000837 }
```

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



Here you see how a box with a 4 pixel #000837 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000837; -webkit-box-shadow:4px 4px  
4px 4px #000837; box-shadow:4px 4px 4px  
4px #000837 }
```

Background

The CSS property to change the background color of an element to Hex 000837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000837 }
```

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

```
.background{ background-color:#000837 }
```

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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