

Converting Colors

Hex(000846)

Have a look what the booklet for
Hex(000846) contains.

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Color

Hex(000846)

Conversions

Conversions Part 1

Format	Color
Hex	000846
RGB	0, 8, 70
RGB Percent	0%, 3%, 27%
CMY	1.0000, 0.9686, 0.7255
CMYK	1.00, 0.89, 0.00, 0.73
HSL	233°, 100%, 14%
HSV	233°, 100%, 27%
XYZ	1.1923, 0.6159, 5.8504
YIQ	12.6760, -24.6700, 17.5860

Conversions

Conversions Part 2

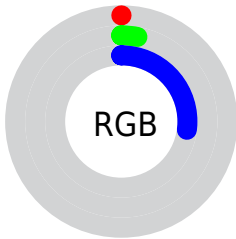
Format	Color
RYB	0, 7, 70
Decimal	2118
CIELab	5.56, 23.23, -38.29
CIElCh	6, 44.789, 301.247
Yxy	0.6159, 0.1557, 0.0804
Android (android.graphics.Color)	4278192198 (0xFF000846)
YUV	12.6760, 28.2607, -11.1169
Hunter-Lab	7.8477, 13.3866, -38.7068

Details

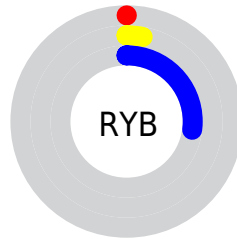
The Hex color **000846** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **463E00**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **3B3377**, and **000119** is the 20% darker color. If you saturate the color by 10%, you get **000846**, and if you desaturate by 10%, it is **070E46**.

Distribution



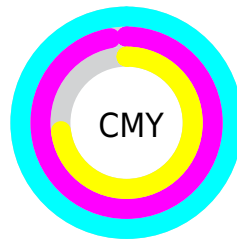
- Red (0%)
- Green (3%)
- Blue (27%)



- Red (0%)
- Yellow (3%)
- Blue (27%)



- Cyan (100%)
- Magenta (89%)
- Yellow (0%)
- Black (73%)



- Cyan (100%)
- Magenta (97%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000846 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 000846 by changing the saturation by 10% instead.

 000846

 000846

 FAE6FF

 00002F

 3B3377

 000119

 554991

 000000

 6F61AC

 897AC8

 A594E4

 C0AFFF

 DDCAFF

 000846

■ 070E46

■ 0E1446

■ 151B46

■ 1C2146

■ 232746

■ 2A2D46

■ 313346

■ 383A46

■ 3F4046

Harmonies

Analogous

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



00174F



000846



34002F

Triad

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



000846



2E0200



001C13

Complementary

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



000846



463E00

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.



001C00



000846



171200

Square

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



000846



3D0000



001C00



001E31

Rectangle

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



000846



3E001D



001C00



001C03

Sweetspot

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



000846



40435C



00463E



1D1F2E



ADADAD



2E2E2E

Same Dimension

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



000846



000A5C



1B0046



202124



000B63



001AE3

Inverse Universe

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



460008



5C000A



2B4600



242021



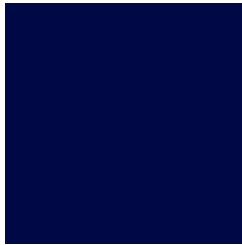
63000B



E3001A

Previews

White Background



This preview shows how the Hex color 000846 looks on a white background.

Color Contrast Check

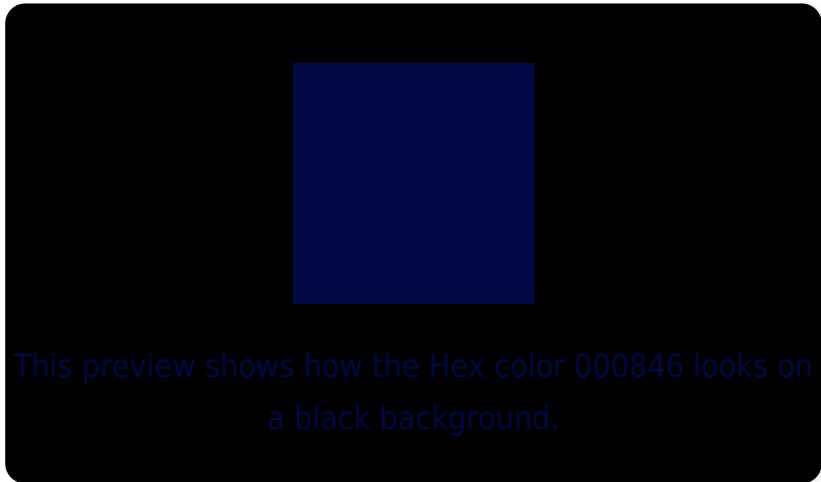
Large Text (above 18pt) WCAG AA ✓ Pass

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

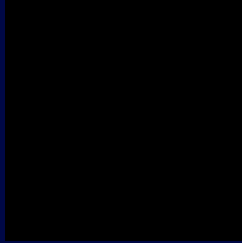
Any Text WCAG AA × Fail

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 000846 Background



This preview shows how black text looks on a background with the Hex color 000846.



This preview shows how white text looks on a background with the Hex color 000846.

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
000846

Protanopia
00152C

Deuteranopia
001726



Tritanopia
001819

Trichromacy



Original Color

000846

Protanomaly

001035

Deuteranomaly

001232

Tritanomaly

001229

Monochromacy



Original Color

000846

Achromatopsia

0D0D0D

Achromatomaly

080B22

CSS Examples

Text

The CSS property to change the color of the text to Hex 000846 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 #000846 looks like.

```
.text, #text, p{  
    color:#000846  
}
```

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 #000846 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000846
}
```

Border

The CSS property to change the border of an element to Hex 000846 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
#000846 }
```

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

```
.border{ border-color:#000846 }
```

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

Here you see how a box with a 4 pixel #000846 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000846; -webkit-box-shadow:4px 4px  
4px 4px #000846; box-shadow:4px 4px 4px  
4px #000846 }
```

Background

The CSS property to change the background color of an element to Hex 000846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000846 }
```

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

```
.background{ background-color:#000846 }
```

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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