

Converting Colors

Hex(000850)

Have a look what the booklet for
Hex(000850) contains.

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Color

Hex(000850)

Conversions

Conversions Part 1

Format	Color
Hex	000850
RGB	0, 8, 80
RGB Percent	0%, 3%, 31%
CMY	1.0000, 0.9686, 0.6863
CMYK	1.00, 0.90, 0.00, 0.69
HSL	234°, 100%, 16%
HSV	234°, 100%, 31%
XYZ	1.5348, 0.7529, 7.6538
YIQ	13.8160, -27.8800, 20.6960

Conversions

Conversions Part 2

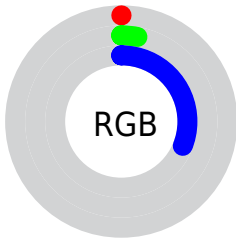
Format	Color
RYB	0, 7, 80
Decimal	2128
CIELab	6.80, 28.10, -43.23
CIELCh	7, 51.561, 303.025
Yxy	0.7529, 0.1544, 0.0757
Android (android.graphics.Color)	4278192208 (0xFF000850)
YUV	13.8160, 32.6287, -12.1166
Hunter-Lab	8.6767, 16.3902, -46.2268

Details

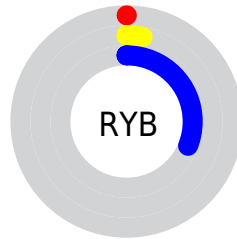
The Hex color **000850** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **504800**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **403282**, and **000222** is the 20% darker color. If you saturate the color by 10%, you get **000850**, and if you desaturate by 10%, it is **080F50**.

Distribution



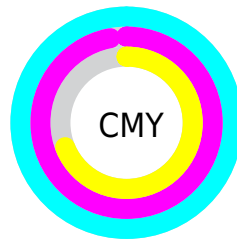
- Red (0%)
- Green (3%)
- Blue (31%)



- Red (0%)
- Yellow (3%)
- Blue (31%)



- Cyan (100%)
- Magenta (90%)
- Yellow (0%)
- Black (69%)



- Cyan (100%)
- Magenta (97%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000850 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 000850 by changing the saturation by 10% instead.

 000850

 000850

 FFE7FF

 000039

 403282

 000222

 5A499D

 000008

 7561B8

 000000

 907BD4

 AC94F1

 C8AFFF

 E5CBFF

 000850

■ 080F50

■ 101650

■ 181E50

■ 202550

■ 282C50

■ 303350

■ 383A50

■ 404250

■ 484950

Harmonies

Analogous

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



001B5C



000850



3C0035

Triad

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



000850



330300



002018

Complementary

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



000850



504800

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.



002000



000850



191600

Square

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



000850



440000



001F00



00223A

Rectangle

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



000850



48001F



001F00



002008

Sweetspot

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



000850



494C69



005048



222436



B5B5B5



363636

Same Dimension

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



000850



000A69



200050



252529



0017E8

Inverse Universe

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



500008



69000A



305000



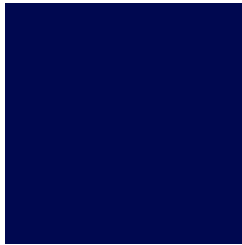
292525



E80017

Previews

White Background



This preview shows how the Hex color 000850 looks on a white background.

Color Contrast Check

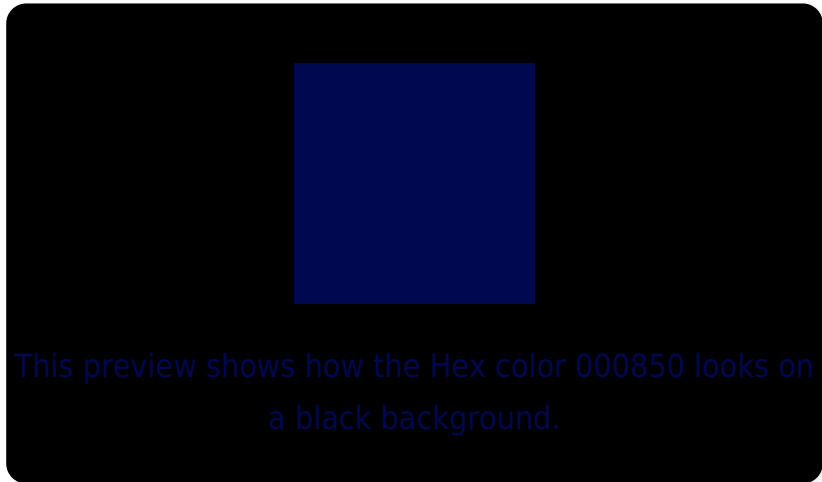
Large Text (above 18pt) WCAG AA ✓ Pass

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

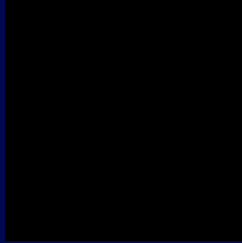
Any Text WCAG AA × Fail

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 000850 Background



This preview shows how black text looks on a background with the Hex color 000850.



This preview shows how white text looks on a background with the Hex color 000850.

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
000850

Protanopia
001832

Deuteranopia
001A2B



Tritanopia
001C1D

Trichromacy



Original Color
000850

Protanomaly
00123D

Deuteranomaly
001338

Tritanomaly
001530

Monochromacy



Original Color
000850

Achromatopsia
0E0E0E

Achromatomaly
090C26

CSS Examples

Text

The CSS property to change the color of the text to Hex 000850 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 #000850 looks like.

```
.text, #text, p{  
    color:#000850  
}
```

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 #000850 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000850
}
```

Border

The CSS property to change the border of an element to Hex 000850 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
#000850 }
```

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

```
.border{ border-color:#000850 }
```

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

Here you see how a box with a 4 pixel #000850 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000850; -webkit-box-shadow:4px 4px  
4px 4px #000850; box-shadow:4px 4px 4px  
4px #000850 }
```

Background

The CSS property to change the background color of an element to Hex 000850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000850 }
```

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

```
.background{ background-color:#000850 }
```

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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