

Converting Colors

Hex(001843)

Have a look what the booklet for
Hex(001843) contains.

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Color

Hex(001843)

Conversions

Conversions Part 1

Format	Color
Hex	001843
RGB	0, 24, 67
RGB Percent	0%, 9%, 26%
CMY	1.0000, 0.9059, 0.7373
CMYK	1.00, 0.64, 0.00, 0.74
HSL	219°, 100%, 13%
HSV	219°, 100%, 26%
XYZ	1.3398, 1.0585, 5.4439
YIQ	21.7260, -28.1070, 8.2850

Conversions

Conversions Part 2

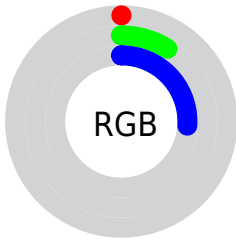
Format	Color
RYB	0, 18, 67
Decimal	6211
CIELab	9.47, 11.00, -29.77
CIELCh	9, 31.733, 290.278
Yxy	1.0585, 0.1708, 0.1350
Android (android.graphics.Color)	4278196291 (0xFF001843)
YUV	21.7260, 22.3201, -19.0537
Hunter-Lab	10.2884, 5.2395, -24.1701

Details

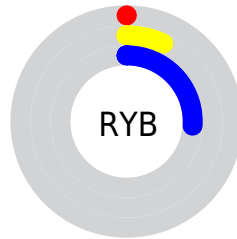
The Hex color **001843** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **432B00**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **384274**, and **000117** is the 20% darker color. If you saturate the color by 10%, you get **001843**, and if you desaturate by 10%, it is **071C43**.

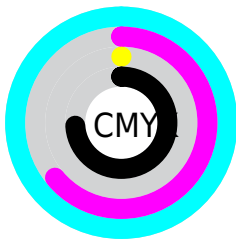
Distribution



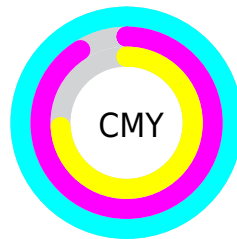
- Red (0%)
- Green (9%)
- Blue (26%)



- Red (0%)
- Yellow (7%)
- Blue (26%)



- Cyan (100%)
- Magenta (64%)
- Yellow (0%)
- Black (74%)



- Cyan (100%)
- Magenta (91%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001843 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 001843 by changing the saturation by 10% instead.

 001843

 001843

 F5F9FF

 00002D

 384274

 000117

 52598D

 000000

 6B72A8

 868BC3

 A0A6DF

 BCC1FC

 D8DDFF

 001843

■ 071C43

■ 0D2143

■ 142543

■ 1B2943

■ 222E43

■ 283243

■ 2F3643

■ 363A43

■ 3C3F43

Harmonies

Analogous

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



001F45



001843



2C0C36

Triad

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



001843



370C00



002412

Complementary

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



001843



432B00

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.



002200



001843



281700

Square

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



001843



3E000A



151E00



002529

Rectangle

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



001843



380229



151E00



002407

Sweetspot

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



001843



3D4657



00432A



1C212B



ABABAB



2B2B2B

Same Dimension

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



001843



001F57



090043



1E1F21



002361



0050E0

Inverse Universe

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



430018



57001F



3A4300



211E1F



610023



E00050

Previews

White Background



This preview shows how the Hex color 001843 looks on a white background.

Color Contrast Check

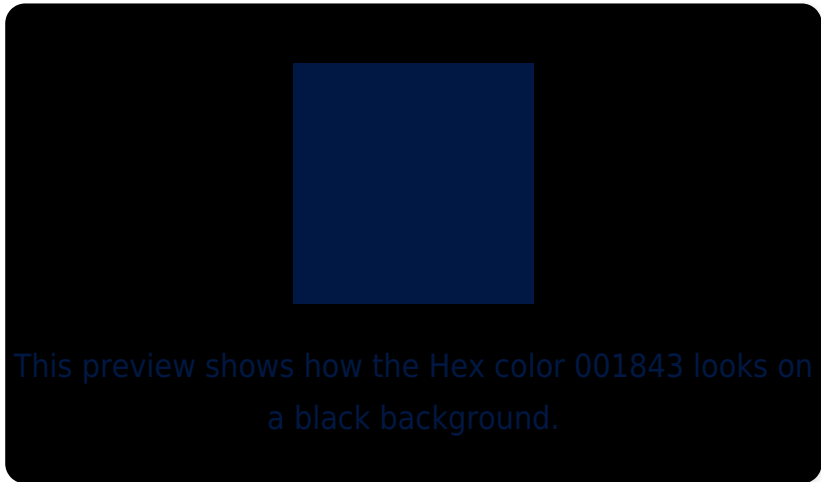
Large Text (above 18pt) WCAG AA ✓ Pass

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

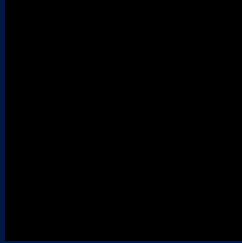
Any Text WCAG AA × Fail

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 001843 Background



This preview shows how black text looks on a background with the Hex color 001843.



This preview shows how white text looks on a background with the Hex color 001843.

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
001843

Protanopia
001B39

Deuteranopia
001D31



Tritanopia
001F21

Trichromacy



Original Color
001843

Protanomaly
001A3D

Deuteranomaly
001B38

Tritanomaly
001C2D

Monochromacy



Original Color
001843

Achromatopsia
161616

Achromatomaly
0E1726

CSS Examples

Text

The CSS property to change the color of the text to Hex 001843 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 #001843 looks like.

```
.text, #text, p{  
    color:#001843  
}
```

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 #001843 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001843
}
```

Border

The CSS property to change the border of an element to Hex 001843 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
#001843 }
```

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

```
.border{ border-color:#001843 }
```

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

Here you see how a box with a 4 pixel #001843 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001843; -webkit-box-shadow:4px 4px  
4px 4px #001843; box-shadow:4px 4px 4px  
4px #001843 }
```

Background

The CSS property to change the background color of an element to Hex 001843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001843 }
```

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

```
.background{ background-color:#001843 }
```

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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