

Converting Colors

Hex(001849)

Have a look what the booklet for
Hex(001849) contains.

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Color

Hex(001849)

Conversions

Conversions Part 1

Format	Color
Hex	001849
RGB	0, 24, 73
RGB Percent	0%, 9%, 29%
CMY	1.0000, 0.9059, 0.7137
CMYK	1.00, 0.67, 0.00, 0.71
HSL	220°, 100%, 14%
HSV	220°, 100%, 29%
XYZ	1.5292, 1.1343, 6.4417
YIQ	22.4100, -30.0330, 10.1510

Conversions

Conversions Part 2

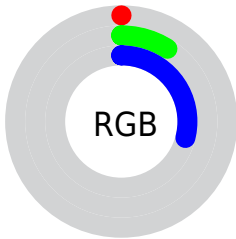
Format	Color
RYB	0, 18, 73
Decimal	6217
CIELab	10.06, 13.88, -32.99
CIELCh	10, 35.795, 292.820
Yxy	1.1343, 0.1680, 0.1246
Android (android.graphics.Color)	4278196297 (0xFF001849)
YUV	22.4100, 24.9409, -19.6536
Hunter-Lab	10.6504, 6.9917, -28.4051

Details

The Hex color **001849** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **493100**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **3B427A**, and **00021C** is the 20% darker color. If you saturate the color by 10%, you get **001849**, and if you desaturate by 10%, it is **071D49**.

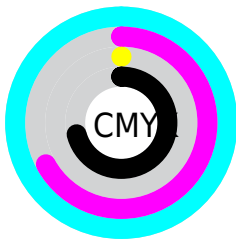
Distribution



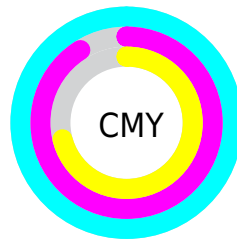
- Red (0%)
- Green (9%)
- Blue (29%)



- Red (0%)
- Yellow (7%)
- Blue (29%)



- Cyan (100%)
- Magenta (67%)
- Yellow (0%)
- Black (71%)



- Cyan (100%)
- Magenta (91%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001849 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 001849 by changing the saturation by 10% instead.

001849

001849

F9F9FF

000032

3B427A

00021C

545A94

000000

6E72AF

898BCB

A4A6E7

C0C1FF

DCDDFF

001849

■ 071D49

■ 0F2249

■ 162749

■ 1D2C49

■ 253149

■ 2C3549

■ 333A49

■ 3A3F49

■ 424449

Harmonies

Analogous

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



00214C



001849



320839

Triad

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



001849



3A0C00



002615

Complementary

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



001849



493100

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.



002400



001849



291900

Square

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



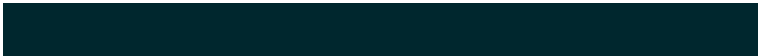
001849



440005



122000



00272E

Rectangle

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



001849



3E002A



122000



002609

Sweetspot

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



001849



424B5E



004931



1F2530



B0B0B0



303030

Same Dimension

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



001849



001F5E



0C0049



202124



002163



004BE3

Inverse Universe

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



490018



5E001F



3D4900



242021



630021



E3004B

Previews

White Background



This preview shows how the Hex color 001849 looks on a white background.

Color Contrast Check

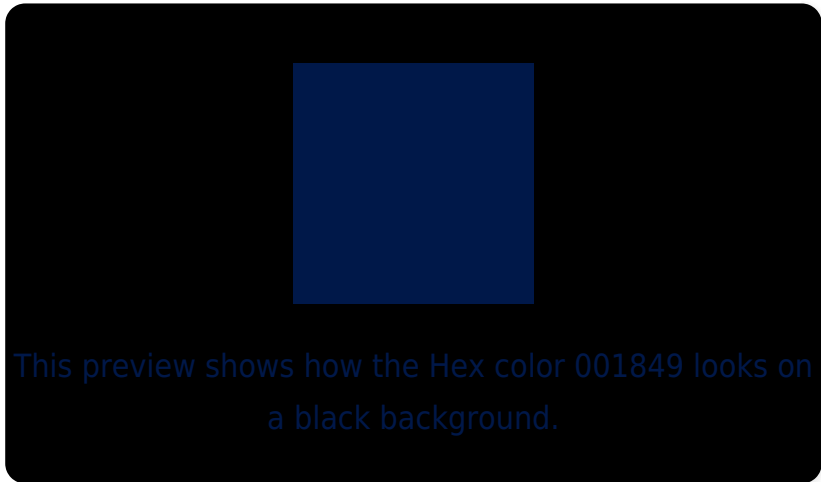
Large Text (above 18pt) WCAG AA ✓ Pass

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

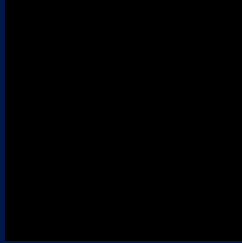
Any Text WCAG AA × Fail

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 001849 Background



This preview shows how black text looks on a background with the Hex color 001849.



This preview shows how white text looks on a background with the Hex color 001849.

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
001849

Protanopia
001C3B

Deuteranopia
001E33

Trichromacy



Original Color
001849

Protanomaly
001B40

Deuteranomaly
001C3B

Tritanomaly
001D30

Monochromacy



Original Color
001849

Achromatopsia
161616

Achromatomaly
0E1729

CSS Examples

Text

The CSS property to change the color of the text to Hex 001849 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 #001849 looks like.

```
.text, #text, p{  
    color:#001849  
}
```

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 #001849 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001849
}
```

Border

The CSS property to change the border of an element to Hex 001849 is called "border". The border property can be set on classes, ids or directly on the HTML element.

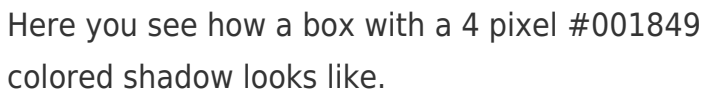
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001849 }
```

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

```
.border{ border-color:#001849 }
```

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



Here you see how a box with a 4 pixel #001849 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001849; -webkit-box-shadow:4px 4px  
4px 4px #001849; box-shadow:4px 4px 4px  
4px #001849 }
```

Background

The CSS property to change the background color of an element to Hex 001849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001849 }
```

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

```
.background{ background-color:#001849 }
```

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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