

Converting Colors

Hex(003847)

Have a look what the booklet for
Hex(003847) contains.

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Color

Hex(003847)

Conversions

Conversions Part 1

Format	Color
Hex	003847
RGB	0, 56, 71
RGB Percent	0%, 22%, 28%
CMY	1.0000, 0.7804, 0.7216
CMYK	1.00, 0.21, 0.00, 0.72
HSL	193°, 100%, 14%
HSV	193°, 100%, 28%
XYZ	2.5515, 3.2833, 6.4605
YIQ	40.9660, -38.1910, -7.2070

Conversions

Conversions Part 2

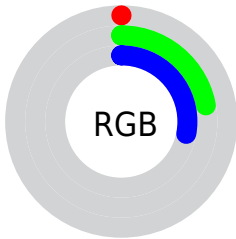
Format	Color
RYB	0, 31, 71
Decimal	14407
CIELab	21.14, -10.39, -13.96
CIELCh	21, 17.408, 233.340
Yxy	3.2833, 0.2075, 0.2670
Android (android.graphics.Color)	4278204487 (0xFF003847)
YUV	40.9660, 14.8068, -35.9272
Hunter-Lab	18.1198, -6.5746, -8.4556

Details

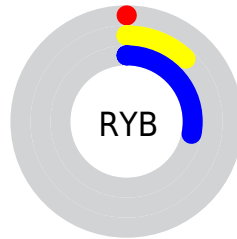
The Hex color **003847** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **470F00**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **3B6777**, and **00091C** is the 20% darker color. If you saturate the color by 10%, you get **003847**, and if you desaturate by 10%, it is **073947**.

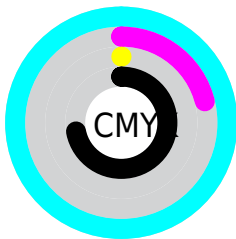
Distribution



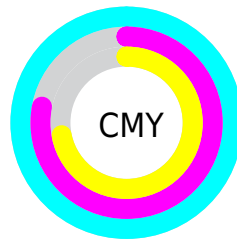
- Red (0%)
- Green (22%)
- Blue (28%)



- Red (0%)
- Yellow (12%)
- Blue (28%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (72%)



- Cyan (100%)
- Magenta (78%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003847 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 003847 by changing the saturation by 10% instead.

 003847

 003847

 F9FFFF

 002231

 3B6777

 00091C

 548091

 000000

 6E9AAC

 89B5C7

 A4D0E3

 BFEDEF

 DCFEED

 003847

■ 073947

■ 0E3B47

■ 153C47

■ 1C3E47

■ 243F47

■ 2B4147

■ 324347

■ 394447

■ 404647

Harmonies

Analogous

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



00393D



003847



1A354C

Triad

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



003847



492936



31351B

Complementary

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



003847



470F00

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.



3E3119



003847



4C2929

Square

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



003847



402C42



472D1F



223823

Rectangle

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



003847



29324C



472D1F



353419

Sweetspot

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



003847



40565C



00470E



1D2A2E



ADADAD



2E2E2E

Same Dimension

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



003847



00485C



001547



202324



004E63



00B3E3

Inverse Universe

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



470038



5C0048



473200



242023



63004E



E300B3

Previews

White Background



This preview shows how the Hex color 003847 looks on a white background.

Color Contrast Check

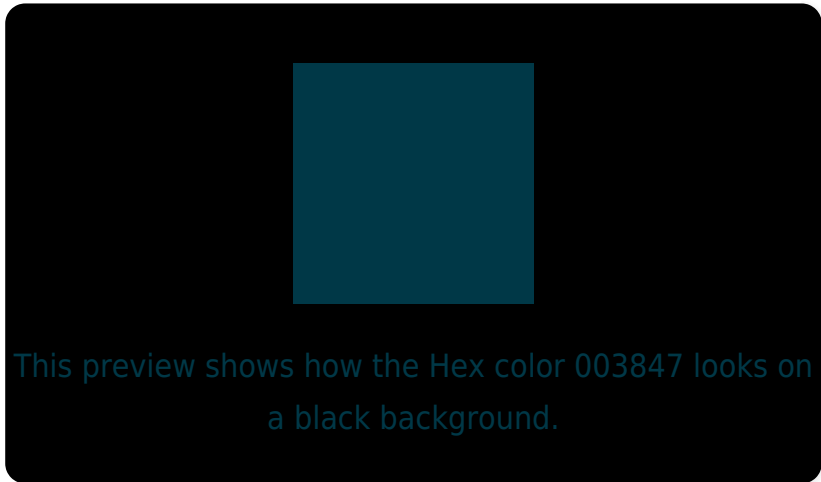
Large Text (above 18pt) WCAG AA ✓ Pass

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

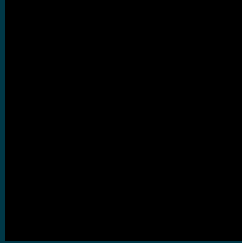
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

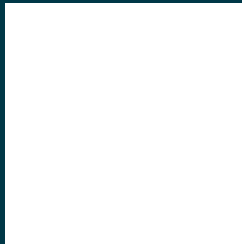
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 003847 Background



This preview shows how black text looks on a background with the Hex color 003847.



This preview shows how white text looks on a background with the Hex color 003847.

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

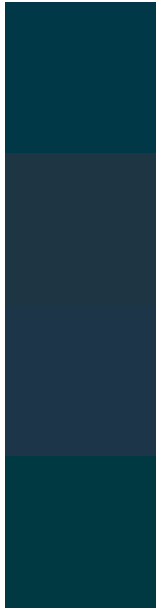


Original Color
003847

Protanopia
2F3343

Deuteranopia
2C3348

Trichromacy



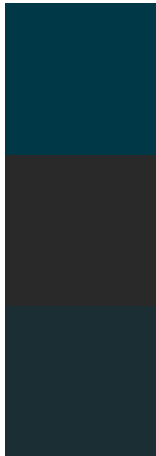
Original Color
003847

Protanomaly
1E3544

Deuteranomaly
1C3548

Tritanomaly
003941

Monochromacy



Original Color
003847

Achromatopsia
292929

Achromatomaly
1A2E34

CSS Examples

Text

The CSS property to change the color of the text to Hex 003847 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 #003847 looks like.

```
.text, #text, p{  
    color:#003847  
}
```

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 #003847 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003847
}
```

Border

The CSS property to change the border of an element to Hex 003847 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".

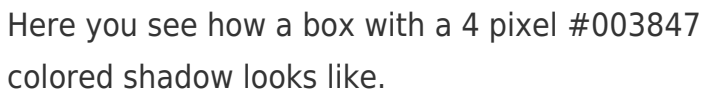
```
.border, #border, table{ border:4px solid
#003847 }
```

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

```
.border{ border-color:#003847 }
```

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

Here you see how a box with a 4 pixel #003847 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003847; -webkit-box-shadow:4px 4px  
4px 4px #003847; box-shadow:4px 4px 4px  
4px #003847 }
```

Background

The CSS property to change the background color of an element to Hex 003847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003847 }
```

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

```
.background{ background-color:#003847 }
```

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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