

Converting Colors

Hex(003C47)

Have a look what the booklet for
Hex(003C47) contains.

Hex(003C47)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(003C47)

Conversions

Conversions Part 1

Format	Color
Hex	003C47
RGB	0, 60, 71
RGB Percent	0%, 24%, 28%
CMY	1.0000, 0.7647, 0.7216
CMYK	1.00, 0.15, 0.00, 0.72
HSL	189°, 100%, 14%
HSV	189°, 100%, 28%
XYZ	2.7532, 3.6866, 6.5277
YIQ	43.3140, -39.2910, -9.2990

Conversions

Conversions Part 2

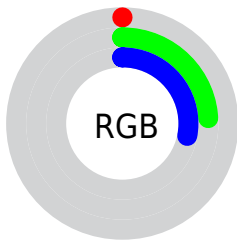
Format	Color
RYB	0, 33, 71
Decimal	15431
CIELab	22.61, -12.85, -11.71
CIELCh	23, 17.389, 222.340
Yxy	3.6866, 0.2123, 0.2843
Android (android.graphics.Color)	4278205511 (0xFF003C47)
YUV	43.3140, 13.6492, -37.9864
Hunter-Lab	19.2007, -8.0059, -6.7166

Details

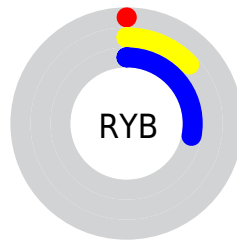
The Hex color **003C47** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **470B00**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **3B6B77**, and **00121C** is the 20% darker color. If you saturate the color by 10%, you get **003C47**, and if you desaturate by 10%, it is **073D47**.

Distribution



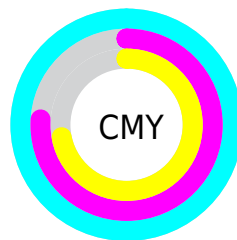
- Red (0%)
- Green (24%)
- Blue (28%)



- Red (0%)
- Yellow (13%)
- Blue (28%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (72%)



- Cyan (100%)
- Magenta (76%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003C47 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 003C47 by changing the saturation by 10% instead.

 003C47

 003C47

 FAFFFF

 002631

 3B6B77

 00121C

 558591

 000000

 6F9FAC

 89BAC7

 A5D6E3

 C0F2FF

 DDFFFF

 003C47

■ 073D47

■ 0E3E47

■ 153F47

■ 1C4047

■ 244247

■ 2B4347

■ 324447

■ 394547

■ 404647

Harmonies

Analogous

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



073D3B



003C47



15394E

Triad

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



003C47



4A2D3E



39371C

Complementary

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



003C47



470B00

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.



45331D



003C47



4F2C31

Square

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



003C47



3E3149



4D2E25



2B3A22

Rectangle

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



003C47



253750



4D2E25



3D361C

Sweetspot

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



003C47



40585C



00470B



1D2B2E



ADADAD



2E2E2E

Same Dimension

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



003C47



004E5C



001947



202324



005463



00C0E3

Inverse Universe

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



47003C



5C004E



472E00



242023



630054



E300C0

Previews

White Background



This preview shows how the Hex color 003C47 looks on a white background.

Color Contrast Check

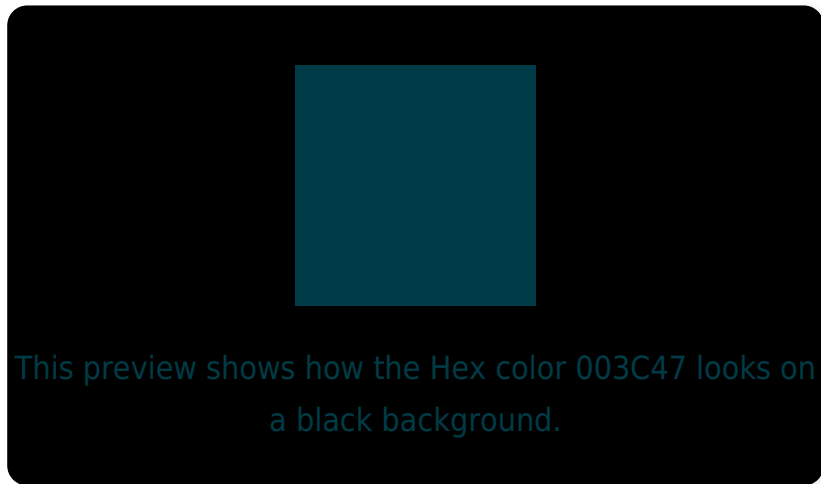
Large Text (above 18pt) WCAG AA ✓ Pass

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

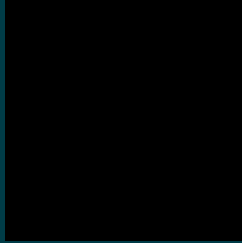
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

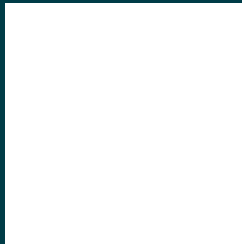
Any Text WCAG AAA × Fail

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

Hex 003C47 Background



This preview shows how black text looks on a background with the Hex color 003C47.



This preview shows how white text looks on a background with the Hex color 003C47.

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
003C47

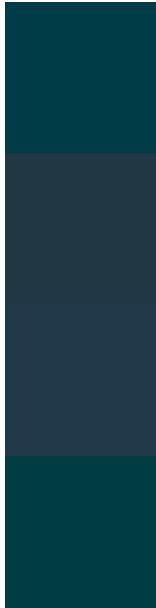
Protanopia
343643

Deuteranopia
323648



Tritanopia
003D41

Trichromacy



Original Color
003C47

Protanomaly
213844

Deuteranomaly
203848

Tritanomaly
003D43

Monochromacy



Original Color
003C47

Achromatopsia
2B2B2B

Achromatomaly
1B3135

CSS Examples

Text

The CSS property to change the color of the text to Hex 003C47 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 #003C47 looks like.

```
.text, #text, p{  
    color:#003C47  
}
```

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 #003C47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003C47
}
```

Border

The CSS property to change the border of an element to Hex 003C47 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
#003C47 }
```

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

```
.border{ border-color:#003C47 }
```

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

Here you see how a box with a 4 pixel #003C47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003C47; -webkit-box-shadow:4px 4px  
4px 4px #003C47; box-shadow:4px 4px 4px  
4px #003C47 }
```

Background

The CSS property to change the background color of an element to Hex 003C47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003C47 }
```

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

```
.background{ background-color:#003C47 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor