

Converting Colors

Hex(003A37)

Have a look what the booklet for
Hex(003A37) contains.

Hex(003A37)	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(003A37)

Conversions

Conversions Part 1

Format	Color
Hex	003A37
RGB	0, 58, 55
RGB Percent	0%, 23%, 22%
CMY	1.0000, 0.7725, 0.7843
CMYK	1.00, 0.00, 0.05, 0.77
HSL	177°, 100%, 11%
HSV	177°, 100%, 23%
XYZ	2.2026, 3.3019, 4.1357
YIQ	40.3160, -33.6050, -13.2290

Conversions

Conversions Part 2

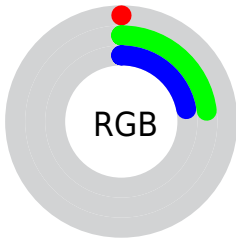
Format	Color
RYB	0, 30, 58
Decimal	14903
CIELab	21.21, -17.86, -3.07
CIELCh	21, 18.118, 189.743
Yxy	3.3019, 0.2285, 0.3425
Android (android.graphics.Color)	4278204983 (0xFF003A37)
YUV	40.3160, 7.2392, -35.3571
Hunter-Lab	18.1713, -10.1627, -0.7742

Details

The Hex color **003A37** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3A0003**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **386A66**, and **00090C** is the 20% darker color. If you saturate the color by 10%, you get **003A37**, and if you desaturate by 10%, it is **063A37**.

Distribution



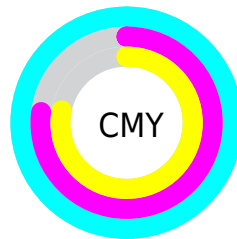
- Red (0%)
- Green (23%)
- Blue (22%)



- Red (0%)
- Yellow (12%)
- Blue (23%)



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (77%)



- Cyan (100%)
- Magenta (77%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003A37 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 003A37 by changing the saturation by 10% instead.

 003A37

 003A37

 F4FFFF

 002422

 386A66

 00090C

 51837F

 000000

 6A9D99

 85B8B3

 9FD4CF

 BBF0EB

 D7FFFF

 003A37

■ 063A37

■ 0C3A38

■ 113A38

■ 173A38

■ 1D3A38

■ 233A39

■ 293A39

■ 2E3A39

■ 343A3A

Harmonies

Analogous

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



173929



003A37



003944

Triad

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



003A37



3A2E48



432F1A

Complementary

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



003A37



3A0003

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.



4B2B23



003A37



472A3C

Square

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



003A37



26334D



4D282F



373418

Rectangle

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



003A37



00384A



4D282F



462D1C

Sweetspot

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



003A37



364D4B



043A00



182626



A6A6A6



262626

Same Dimension

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



003A37



004D49



00213A



191C1C



005C57



00DBD0

Inverse Universe

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



3A0003



4D0004



3A1900



1C1919



5C0005



DB000B

Previews

White Background



This preview shows how the Hex color 003A37 looks on a white background.

Color Contrast Check

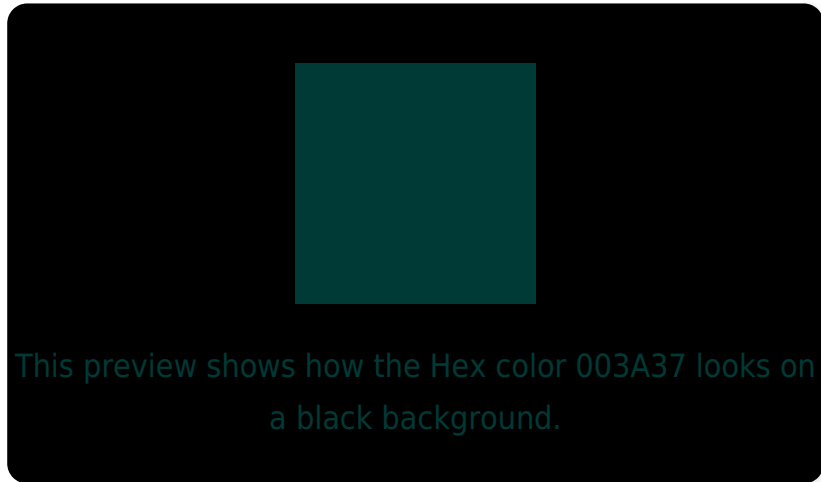
Large Text (above 18pt) WCAG AA ✓ Pass

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

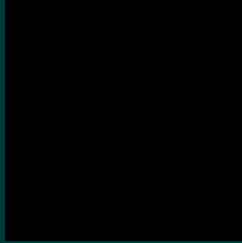
Any Text WCAG AA × Fail

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 003A37 Background



This preview shows how black text looks on a background with the Hex color 003A37.



This preview shows how white text looks on a background with the Hex color 003A37.

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](#).

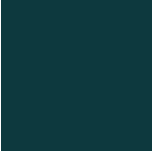
Dichromacy



Original Color
003A37

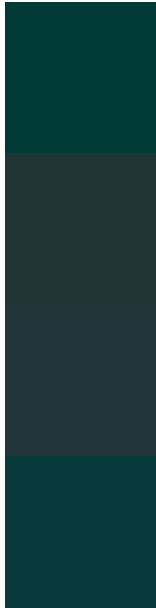
Protanopia
343333

Deuteranopia
363239



Tritanopia
0D393E

Trichromacy



Original Color
003A37

Protanomaly
213634

Deuteranomaly
223538

Tritanomaly
08393B

Monochromacy



Original Color
003A37

Achromatopsia
282828

Achromatomaly
192F2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 003A37 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 #003A37 looks like.

```
.text, #text, p{  
    color:#003A37  
}
```

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 #003A37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003A37
}
```

Border

The CSS property to change the border of an element to Hex 003A37 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
#003A37 }
```

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

```
.border{ border-color:#003A37 }
```

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

Here you see how a box with a 4 pixel #003A37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003A37; -webkit-box-shadow:4px 4px  
4px 4px #003A37; box-shadow:4px 4px 4px  
4px #003A37 }
```

Background

The CSS property to change the background color of an element to Hex 003A37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003A37 }
```

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

```
.background{ background-color:#003A37 }
```

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