

Converting Colors

Hex(003E40)

Have a look what the booklet for
Hex(003E40) contains.

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Color

Hex(003E40)

Conversions

Conversions Part 1

Format	Color
Hex	003E40
RGB	0, 62, 64
RGB Percent	0%, 24%, 25%
CMY	1.0000, 0.7569, 0.7490
CMYK	1.00, 0.03, 0.00, 0.75
HSL	182°, 100%, 13%
HSV	182°, 100%, 25%
XYZ	2.6480, 3.8154, 5.4474
YIQ	43.6900, -37.5940, -12.5220

Conversions

Conversions Part 2

Format	Color
RYB	0, 31, 64
Decimal	15936
CIELab	23.05, -16.75, -6.36
CIELCh	23, 17.918, 200.807
Yxy	3.8154, 0.2223, 0.3203
Android (android.graphics.Color)	4278206016 (0xFF003E40)
YUV	43.6900, 10.0128, -38.3161
Hunter-Lab	19.5331, -9.9842, -2.8616

Details

The Hex color **003E40** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **400200**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **3A6E70**, and **001316** is the 20% darker color. If you saturate the color by 10%, you get **003E40**, and if you desaturate by 10%, it is **063E40**.

Distribution



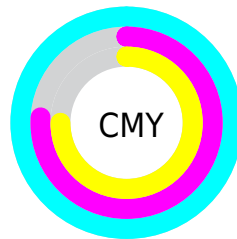
- Red (0%)
- Green (24%)
- Blue (25%)



- Red (0%)
- Yellow (12%)
- Blue (25%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (75%)



- Cyan (100%)
- Magenta (76%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003E40 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 003E40 by changing the saturation by 10% instead.

 003E40

 003E40

 F8FFFF

 00282A

 3A6E70

 001316

 548789

 000000

 6EA2A3

 88BDBE

 A3D9DA

 BFF5F7

 DBFFFF

 003E40

■ 063E40

■ 0D3E40

■ 133F40

■ 1A3F40

■ 203F40

■ 263F40

■ 2D3F40

■ 334040

■ 3A4040

Harmonies

Analogous

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



153E32



003E40



013D4B

Triad

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



003E40



443048



43351C

Complementary

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



003E40



400200

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.



4D3023



003E40



4E2D3C

Square

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



003E40



323550



512D2E



36391E

Rectangle

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



003E40



133B50



512D2E



47331E

Sweetspot

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



003E40



3B5354



004001



1C2B2B



ABABAB



2B2B2B

Same Dimension

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



003E40



005254



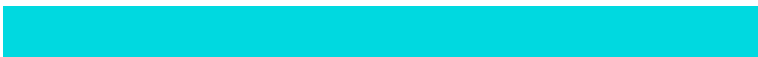
001F40



1E2121



005E61



00D9E0

Inverse Universe

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



40003E



540052



402100



211E21



61005E



E000D9

Previews

White Background



This preview shows how the Hex color 003E40 looks on a white background.

Color Contrast Check

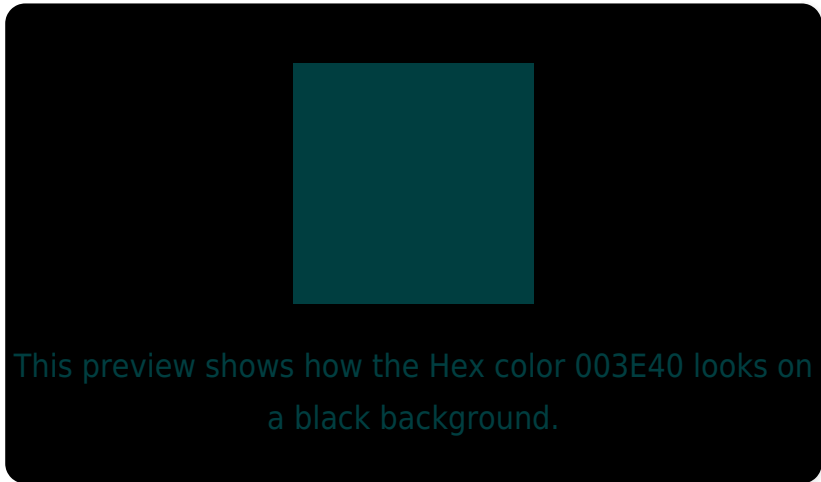
Large Text (above 18pt) WCAG AA ✓ Pass

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

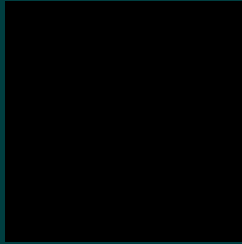
Any Text WCAG AA × Fail

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 003E40 Background



This preview shows how black text looks on a background with the Hex color 003E40.



This preview shows how white text looks on a background with the Hex color 003E40.

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
003E40

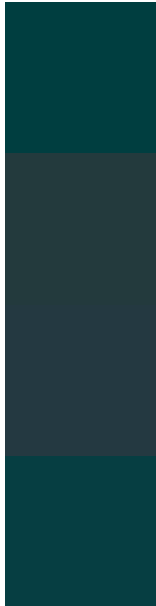
Protanopia
37373C

Deuteranopia
383642



Tritanopia
093E43

Trichromacy



Original Color
003E40

Protanomaly
233A3D

Deuteranomaly
243941

Tritanomaly
063E42

Monochromacy



Original Color
003E40

Achromatopsia
2C2C2C

Achromatomaly
1C3333

CSS Examples

Text

The CSS property to change the color of the text to Hex 003E40 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 #003E40 looks like.

```
.text, #text, p{  
    color:#003E40  
}
```

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 #003E40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003E40
}
```

Border

The CSS property to change the border of an element to Hex 003E40 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
#003E40 }
```

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

```
.border{ border-color:#003E40 }
```

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

Here you see how a box with a 4 pixel #003E40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003E40; -webkit-box-shadow:4px 4px  
4px 4px #003E40; box-shadow:4px 4px 4px  
4px #003E40 }
```

Background

The CSS property to change the background color of an element to Hex 003E40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003E40 }
```

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

```
.background{ background-color:#003E40 }
```

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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