

Converting Colors

Hex(002E40)

Have a look what the booklet for
Hex(002E40) contains.

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Color

Hex(002E40)

Conversions

Conversions Part 1

Format	Color
Hex	002E40
RGB	0, 46, 64
RGB Percent	0%, 18%, 25%
CMY	1.0000, 0.8196, 0.7490
CMYK	1.00, 0.28, 0.00, 0.75
HSL	197°, 100%, 13%
HSV	197°, 100%, 25%
XYZ	1.9024, 2.3242, 5.1988
YIQ	34.2980, -33.1940, -4.1540

Conversions

Conversions Part 2

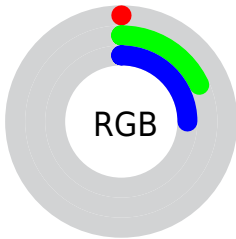
Format	Color
RYB	0, 27, 64
Decimal	11840
CIELab	17.10, -6.93, -15.48
CIELCh	17, 16.963, 245.874
Yxy	2.3242, 0.2018, 0.2466
Android (android.graphics.Color)	4278201920 (0xFF002E40)
YUV	34.2980, 14.6431, -30.0793
Hunter-Lab	15.2452, -4.4045, -9.5471

Details

The Hex color **002E40** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **401200**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **375C70**, and **000115** is the 20% darker color. If you saturate the color by 10%, you get **002E40**, and if you desaturate by 10%, it is **063040**.

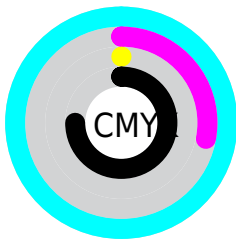
Distribution



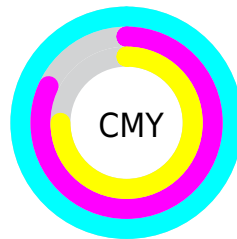
- Red (0%)
- Green (18%)
- Blue (25%)



- Red (0%)
- Yellow (11%)
- Blue (25%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (75%)



- Cyan (100%)
- Magenta (82%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002E40 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 002E40 by changing the saturation by 10% instead.

 002E40

 002E40

 F3FFFF

 001A2A

 375C70

 000115

 507489

 000000

 6A8EA4

 84A8BF

 9FC3DB

 BBDFF7

 D7FCFF

 002E40

■ 063040

■ 0D3240

■ 133340

■ 1A3540

■ 203740

■ 263940

■ 2D3B40

■ 333C40

■ 3A3E40

Harmonies

Analogous

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



003038



002E40



1B2B42

Triad

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



002E40



412028



222E16

Complementary

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



002E40



401200

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.



2F2A11



002E40



40221C

Square

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



002E40



3B2234



3A2614



133020

Rectangle

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



002E40



292840



3A2614



272D14

Sweetspot

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



002E40



3B4D54



004011



1C272B



ABABAB



2B2B2B

Same Dimension

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



002E40



003C54



000F40



1E2021



004661



00A1E0

Inverse Universe

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



40002E



54003C



403100



211E20



610046



E000A1

Previews

White Background



This preview shows how the Hex color 002E40 looks on a white background.

Color Contrast Check

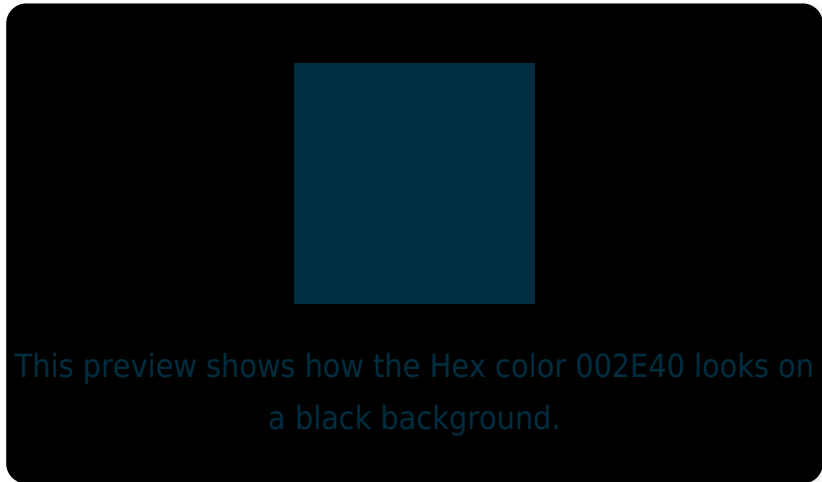
Large Text (above 18pt) WCAG AA ✓ Pass

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

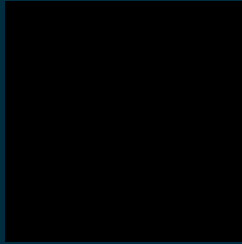
Any Text WCAG AA × Fail

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 002E40 Background



This preview shows how black text looks on a background with the Hex color 002E40.



This preview shows how white text looks on a background with the Hex color 002E40.

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
002E40

Protanopia
252A3D

Deuteranopia
202B41

Trichromacy



Original Color
002E40

Protanomaly
182B3E

Deuteranomaly
142C41

Tritanomaly
002F38

Monochromacy



Original Color
002E40

Achromatopsia
222222

Achromatomaly
16262D

CSS Examples

Text

The CSS property to change the color of the text to Hex 002E40 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 #002E40 looks like.

```
.text, #text, p{  
    color:#002E40  
}
```

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 #002E40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002E40
}
```

Border

The CSS property to change the border of an element to Hex 002E40 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
#002E40 }
```

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

```
.border{ border-color:#002E40 }
```

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

Here you see how a box with a 4 pixel #002E40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002E40; -webkit-box-shadow:4px 4px  
4px 4px #002E40; box-shadow:4px 4px 4px  
4px #002E40 }
```

Background

The CSS property to change the background color of an element to Hex 002E40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002E40 }
```

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

```
.background{ background-color:#002E40 }
```

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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