

Converting Colors

Hex(002E4C)

Have a look what the booklet for
Hex(002E4C) contains.

| | |
|--|----|
| Hex(002E4C) | 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(002E4C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 002E4C |
| RGB | 0, 46, 76 |
| RGB Percent | 0%, 18%, 30% |
| CMY | 1.0000, 0.8196, 0.7020 |
| CMYK | 1.00, 0.39, 0.00, 0.70 |
| HSL | 204°, 100%, 15% |
| HSV | 204°, 100%, 30% |
| XYZ | 2.2815, 2.4758, 7.1951 |
| YIQ | 35.6660, -37.0460, -0.4220 |

Conversions

Conversions Part 2

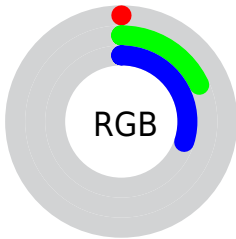
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 29, 76 |
| Decimal | 11852 |
| CIELab | 17.81, -1.49, -22.57 |
| CIELCh | 18, 22.616, 266.211 |
| Yxy | 2.4758, 0.1909, 0.2071 |
| Android (android.graphics.Color) | 4278201932 (0xFF002E4C) |
| YUV | 35.6660, 19.8847, -31.2791 |
| Hunter-Lab | 15.7347, -1.6534, -16.0977 |

Details

The Hex color **002E4C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4C1E00**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **3B5B7D**, and **000220** is the 20% darker color. If you saturate the color by 10%, you get **002E4C**, and if you desaturate by 10%, it is **08314C**.

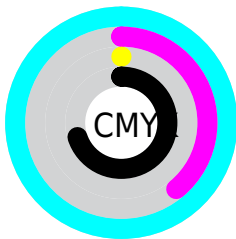
Distribution



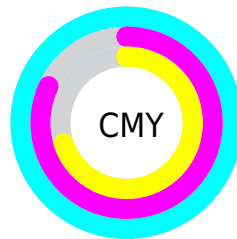
- Red (0%)
- Green (18%)
- Blue (30%)



- Red (0%)
- Yellow (11%)
- Blue (30%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (70%)



- Cyan (100%)
- Magenta (82%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002E4C 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 002E4C by changing the saturation by 10% instead.

002E4C

002E4C

FAFFFF

001A35

3B5B7D

000220

557497

000004

6F8DB2

000000

89A8CD

A4C3EA

C0DFFF

DDFBFF

002E4C

■ 08314C

■ 0F344C

■ 17374C

■ 1E3A4C

■ 263D4C

■ 2E404C

■ 35434C

■ 3D464C

■ 44494C

Harmonies

Analogous

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



003246



002E4C



292849

Triad

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



002E4C



491F1E



123219

Complementary

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



002E4C



4C1E00

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.



272F0C



002E4C



432411

Square

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



002E4C



481D2E



372A08



003329

Rectangle

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



002E4C



382442



372A08



1A3114

Sweetspot

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



002E4C



465863



004C1D



212C33



B3B3B3



333333

Same Dimension

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



002E4C



003C63



00094C



222526



003E66



008BE6

Inverse Universe

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



4C002E



63003C



4C4300



262225



66003E



E6008B

Previews

White Background



This preview shows how the Hex color 002E4C looks on a white background.

Color Contrast Check

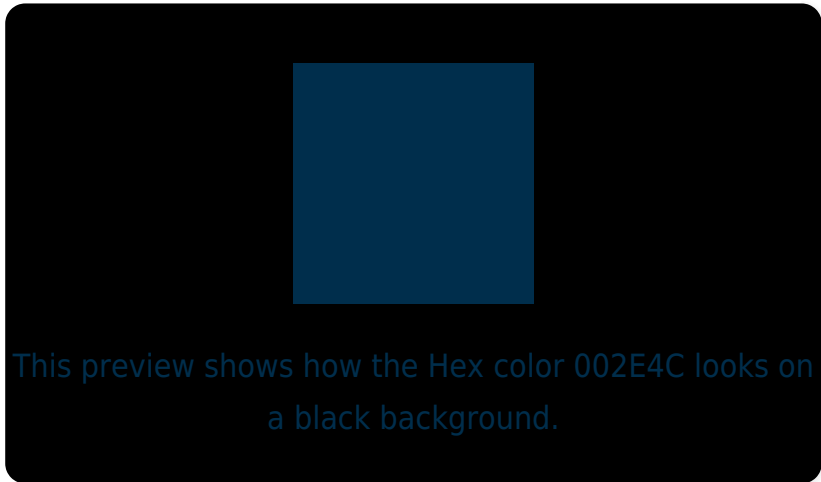
Large Text (above 18pt) WCAG AA ✓ Pass

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

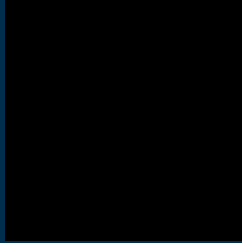
Any Text WCAG AA × Fail

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 002E4C Background



This preview shows how black text looks on a background with the Hex color 002E4C.



This preview shows how white text looks on a background with the Hex color 002E4C.

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
002E4C

Protanopia
202B4A

Deuteranopia
142D4C

Trichromacy



Original Color
002E4C

Protanomaly
142C4B

Deuteranomaly
0D2D4C

Tritanomaly
00303D

Monochromacy



Original Color
002E4C

Achromatopsia
242424

Achromatomaly
172833

CSS Examples

Text

The CSS property to change the color of the text to Hex 002E4C 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 #002E4C looks like.

```
.text, #text, p{  
    color:#002E4C  
}
```

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 #002E4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002E4C
}
```

Border

The CSS property to change the border of an element to Hex 002E4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

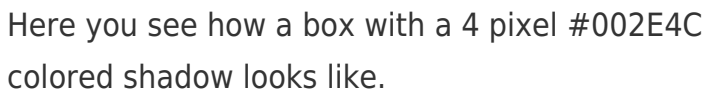
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#002E4C }
```

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

```
.border{ border-color:#002E4C }
```

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



Here you see how a box with a 4 pixel #002E4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002E4C; -webkit-box-shadow:4px 4px  
4px 4px #002E4C; box-shadow:4px 4px 4px  
4px #002E4C }
```

Background

The CSS property to change the background color of an element to Hex 002E4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002E4C }
```

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

```
.background{ background-color:#002E4C }
```

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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