

Converting Colors

Hex(002E3A)

Have a look what the booklet for
Hex(002E3A) contains.

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Color

Hex(002E3A)

Conversions

Conversions Part 1

Format	Color
Hex	002E3A
RGB	0, 46, 58
RGB Percent	0%, 18%, 23%
CMY	1.0000, 0.8196, 0.7725
CMYK	1.00, 0.21, 0.00, 0.77
HSL	192°, 100%, 11%
HSV	192°, 100%, 23%
XYZ	1.7407, 2.2595, 4.3474
YIQ	33.6140, -31.2680, -6.0200

Conversions

Conversions Part 2

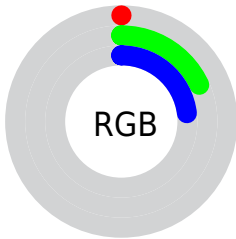
Format	Color
RYB	0, 26, 58
Decimal	11834
CIELab	16.79, -9.56, -11.82
CIELCh	17, 15.198, 231.030
Yxy	2.2595, 0.2085, 0.2707
Android (android.graphics.Color)	4278201914 (0xFF002E3A)
YUV	33.6140, 12.0223, -29.4795
Hunter-Lab	15.0316, -5.6342, -6.6255

Details

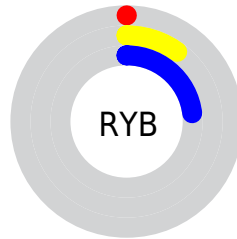
The Hex color **002E3A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3A0C00**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **365C69**, and **00010F** is the 20% darker color. If you saturate the color by 10%, you get **002E3A**, and if you desaturate by 10%, it is **062F3A**.

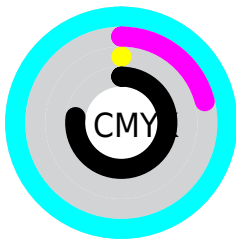
Distribution



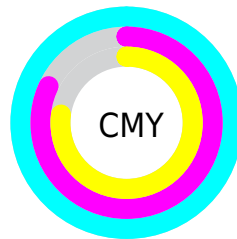
- Red (0%)
- Green (18%)
- Blue (23%)



- Red (0%)
- Yellow (10%)
- Blue (23%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (77%)



- Cyan (100%)
- Magenta (82%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002E3A 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 002E3A by changing the saturation by 10% instead.

 002E3A

 002E3A

 F1FFFF

 001A24

 365C69

 00010F

 4F7482

 000000

 688E9C

 82A9B7

 9DC4D3

 B8E0EF

 D4FCFF

 002E3A

■ 062F3A

■ 0C303A

■ 11323A

■ 17333A

■ 1D343A

■ 23353A

■ 29363A

■ 2E383A

■ 34393A

Harmonies

Analogous

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



002F31



002E3A



132C3F

Triad

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



002E3A



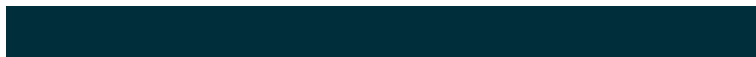
3C212D



292B15

Complementary

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



002E3A



3A0C00

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.



332814



002E3A



3F2122

Square

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



002E3A



342437



3B2419



1C2E1B

Rectangle

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



002E3A



20293F



3B2419



2D2A14

Sweetspot

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



002E3A



36484D



003A0C



182326



A6A6A6



262626

Same Dimension

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



002E3A



003D4D



00113A



191B1C



00495C



00AEDB

Inverse Universe

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



3A002E



4D003D



3A2900



1C191B



5C0049



DB00AE

Previews

White Background



This preview shows how the Hex color 002E3A looks on a white background.

Color Contrast Check

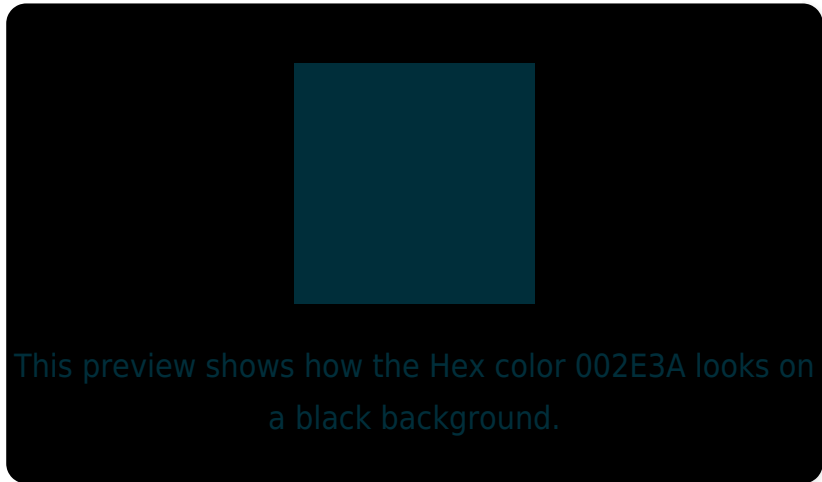
Large Text (above 18pt) WCAG AA ✓ Pass

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

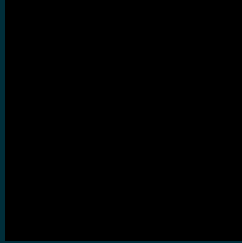
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

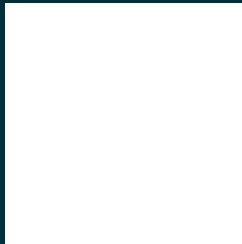
Any Text WCAG AAA × Fail

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

Hex 002E3A Background



This preview shows how black text looks on a background with the Hex color 002E3A.



This preview shows how white text looks on a background with the Hex color 002E3A.

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
002E3A

Protanopia
272A37

Deuteranopia
242A3B



Tritanopia
002F33

Trichromacy



Original Color
002E3A

Protanomaly
192B38

Deuteranomaly
172B3B

Tritanomaly
002F36

Monochromacy



Original Color
002E3A

Achromatopsia
222222

Achromatomaly
16262B

CSS Examples

Text

The CSS property to change the color of the text to Hex 002E3A 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 #002E3A looks like.

```
.text, #text, p{  
    color:#002E3A  
}
```

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 #002E3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002E3A
}
```

Border

The CSS property to change the border of an element to Hex 002E3A 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
#002E3A }
```

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

```
.border{ border-color:#002E3A }
```

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

Here you see how a box with a 4 pixel #002E3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002E3A; -webkit-box-shadow:4px 4px  
4px 4px #002E3A; box-shadow:4px 4px 4px  
4px #002E3A }
```

Background

The CSS property to change the background color of an element to Hex 002E3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002E3A }
```

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

```
.background{ background-color:#002E3A }
```

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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