

Converting Colors

Hex(00273E)

Have a look what the booklet for
Hex(00273E) contains.

Hex(00273E)	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(00273E)

Conversions

Conversions Part 1

Format	Color
Hex	00273E
RGB	0, 39, 62
RGB Percent	0%, 15%, 24%
CMY	1.0000, 0.8471, 0.7569
CMYK	1.00, 0.37, 0.00, 0.76
HSL	202°, 100%, 12%
HSV	202°, 100%, 24%
XYZ	1.5950, 1.7988, 4.8206
YIQ	29.9610, -30.6270, -1.1150

Conversions

Conversions Part 2

Format	Color
RYB	0, 24, 62
Decimal	10046
CIELab	14.39, -3.00, -18.35
CIELCh	14, 18.592, 260.720
Yxy	1.7988, 0.1942, 0.2190
Android (android.graphics.Color)	4278200126 (0xFF00273E)
YUV	29.9610, 15.7952, -26.2758
Hunter-Lab	13.4121, -2.2432, -11.9216

Details

The Hex color **00273E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3E1700**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **36546E**, and **000113** is the 20% darker color. If you saturate the color by 10%, you get **00273E**, and if you desaturate by 10%, it is **06293E**.

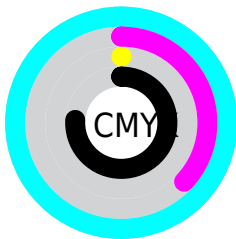
Distribution



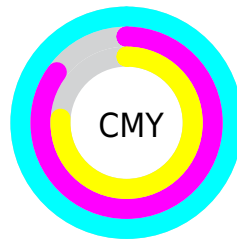
- Red (0%)
- Green (15%)
- Blue (24%)



- Red (0%)
- Yellow (9%)
- Blue (24%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (76%)



- Cyan (100%)
- Magenta (85%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00273E 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 00273E by changing the saturation by 10% instead.

 00273E

 00273E

 F1FFFF

 001228

 36546E

 000113

 4F6C87

 000000

 6885A1

 829FBC

 9DBAD8

 B9D6F5

 D5F2FF

 00273E

■ 06293E

■ 0C2C3E

■ 132E3E

■ 19303E

■ 1F333E

■ 25353E

■ 2B373E

■ 32393E

■ 383C3E

Harmonies

Analogous

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



002A38



00273E



1F233D

Triad

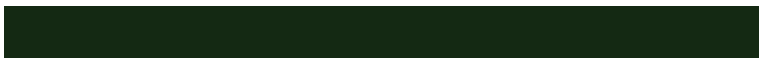
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



00273E



3D1A1C



142913

Complementary

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



00273E



3E1700

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.



242609



00273E



391D10

Square

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



00273E



3A1A29



302207



002B20

Rectangle

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



00273E



2B1F38



302207



19280F

Sweetspot

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



00273E



394952



003E17



1A2329



A8A8A8



292929

Same Dimension

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



00273E



003352



00083E



1C1D1F



003B5E



008CDE

Inverse Universe

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



3E0027



520033



3E3600



1F1C1D



5E003B



DE008C

Previews

White Background



This preview shows how the Hex color 00273E looks on a white background.

Color Contrast Check

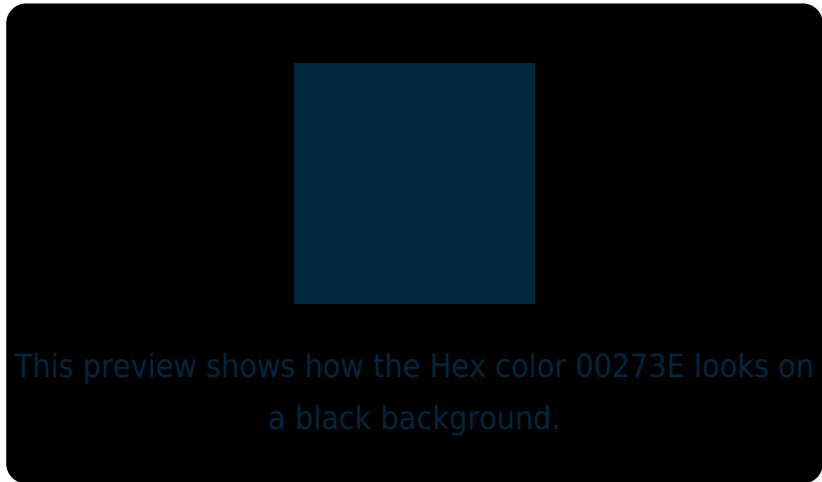
Large Text (above 18pt) WCAG AA ✓ Pass

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

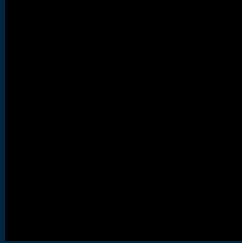
Any Text WCAG AA × Fail

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 00273E Background



This preview shows how black text looks on a background with the Hex color 00273E.



This preview shows how white text looks on a background with the Hex color 00273E.

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
00273E

Protanopia
1C253C

Deuteranopia
14263E

Trichromacy



Original Color
00273E

Protanomaly
12263D

Deuteranomaly
0D263E

Tritanomaly
002833

Monochromacy



Original Color
00273E

Achromatopsia
1E1E1E

Achromatomaly
13212A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00273E 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 #00273E looks like.

```
.text, #text, p{  
  color:#00273E  
}
```

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 #00273E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00273E
}
```

Border

The CSS property to change the border of an element to Hex 00273E is called "border". The border property can be set on classes, ids or directly on the HTML element.

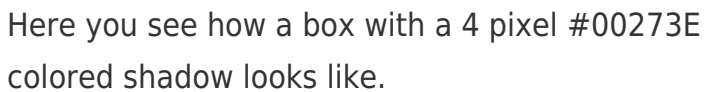
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00273E }
```

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

```
.border{ border-color:#00273E }
```

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



Here you see how a box with a 4 pixel #00273E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00273E; -webkit-box-shadow:4px 4px  
4px 4px #00273E; box-shadow:4px 4px 4px  
4px #00273E }
```

Background

The CSS property to change the background color of an element to Hex 00273E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00273E }
```

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

```
.background{ background-color:#00273E }
```

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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