

Converting Colors

Hex(00274E)

Have a look what the booklet for
Hex(00274E) contains.

Hex(00274E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(00274E)

Conversions

Conversions Part 1

Format	Color
Hex	00274E
RGB	0, 39, 78
RGB Percent	0%, 15%, 31%
CMY	1.0000, 0.8471, 0.6941
CMYK	1.00, 0.50, 0.00, 0.69
HSL	210°, 100%, 15%
HSV	210°, 100%, 31%
XYZ	2.1007, 2.0011, 7.4833
YIQ	31.7850, -35.7630, 3.8610

Conversions

Conversions Part 2

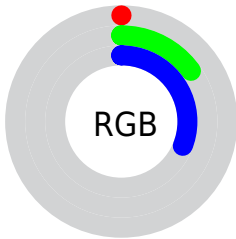
Format	Color
RYB	0, 26, 78
Decimal	10062
CIELab	15.49, 4.57, -27.62
CIElCh	15, 28.001, 279.396
Yxy	2.0011, 0.1813, 0.1727
Android (android.graphics.Color)	4278200142 (0xFF00274E)
YUV	31.7850, 22.7840, -27.8754
Hunter-Lab	14.1460, 1.7515, -21.4623

Details

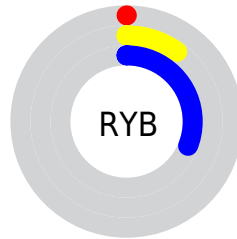
The Hex color **00274E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4E2700**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **3C537F**, and **000221** is the 20% darker color. If you saturate the color by 10%, you get **00274E**, and if you desaturate by 10%, it is **082B4E**.

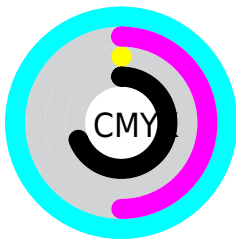
Distribution



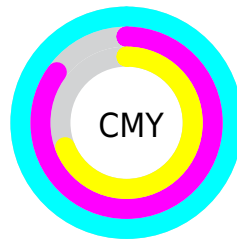
- Red (0%)
- Green (15%)
- Blue (31%)



- Red (0%)
- Yellow (10%)
- Blue (31%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (69%)



- Cyan (100%)
- Magenta (85%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00274E 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 00274E by changing the saturation by 10% instead.

00274E

00274E

FBFFFF

001237

3C537F

000221

566C9A

000006

7085B5

000000

8A9FD0

A5BAED

C1D5FF

DEF2FF

00274E

■ 082B4E

■ 102F4E

■ 17334E

■ 1F374E

■ 273B4E

■ 2F3E4E

■ 37424E

■ 3E464E

■ 464A4E

Harmonies

Analogous

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



002D4C



00274E



2F1F46

Triad

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



00274E



47180D



002F18

Complementary

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



00274E



4E2700

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.



162C01



00274E



3C2000

Square

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



00274E



4A1221



2C2800



00302D

Rectangle

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



00274E



3E183B



2C2800



002E11

Sweetspot

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



00274E



475766



004E27



212A33



B3B3B3



333333

Same Dimension

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



00274E



003366



00004E



222426



0073E6

Inverse Universe

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



4E0027



660033



4E4E00



262224



E60073

Previews

White Background



This preview shows how the Hex color 00274E looks on a white background.

Color Contrast Check

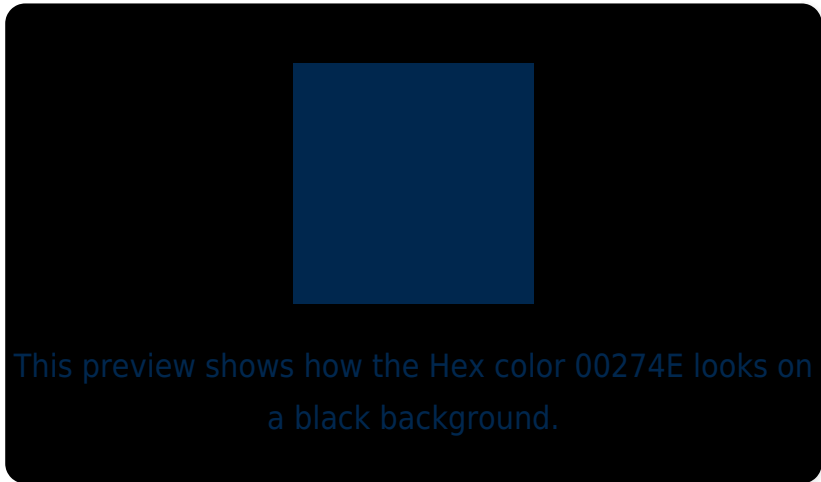
Large Text (above 18pt) WCAG AA ✓ Pass

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

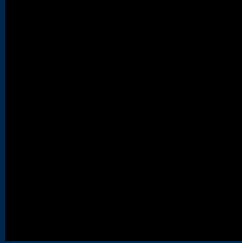
Any Text WCAG AA × Fail

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 00274E Background



This preview shows how black text looks on a background with the Hex color 00274E.



This preview shows how white text looks on a background with the Hex color 00274E.

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
00274E

Protanopia
10264D

Deuteranopia
002947

Trichromacy



Original Color
00274E

Protanomaly
0A264D

Deuteranomaly
00284A

Tritanomaly
002A3A

Monochromacy



Original Color
00274E

Achromatopsia
202020

Achromatomaly
142331

CSS Examples

Text

The CSS property to change the color of the text to Hex 00274E 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 #00274E looks like.

```
.text, #text, p{  
    color:#00274E  
}
```

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 #00274E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00274E
}
```

Border

The CSS property to change the border of an element to Hex 00274E is called "border". The border property can be set on classes, ids or directly on the HTML element.

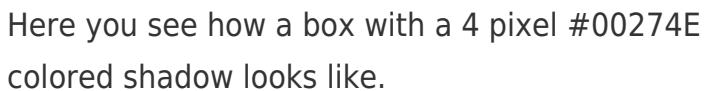
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00274E }
```

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

```
.border{ border-color:#00274E }
```

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



Here you see how a box with a 4 pixel #00274E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00274E; -webkit-box-shadow:4px 4px  
4px 4px #00274E; box-shadow:4px 4px 4px  
4px #00274E }
```

Background

The CSS property to change the background color of an element to Hex 00274E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00274E }
```

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

```
.background{ background-color:#00274E }
```

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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