

Converting Colors

Hex(002E74)

Have a look what the booklet for
Hex(002E74) contains.

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Color

Hex(002E74)

Conversions

Conversions Part 1

Format	Color
Hex	002E74
RGB	0, 46, 116
RGB Percent	0%, 18%, 45%
CMY	1.0000, 0.8196, 0.5451
CMYK	1.00, 0.60, 0.00, 0.55
HSL	216°, 100%, 23%
HSV	216°, 100%, 45%
XYZ	4.1294, 3.2149, 16.9259
YIQ	40.2260, -49.8860, 12.0180

Conversions

Conversions Part 2

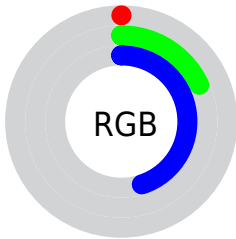
Format	Color
RYB	0, 33, 116
Decimal	11892
CIELab	20.88, 16.79, -43.94
CIELCh	21, 47.040, 290.907
Yxy	3.2149, 0.1701, 0.1325
Android (android.graphics.Color)	4278201972 (0xFF002E74)
YUV	40.2260, 37.3566, -35.2782
Hunter-Lab	17.9303, 9.7310, -43.4177

Details

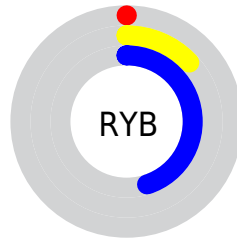
The Hex color **002E74** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **744600**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **495BA9**, and **000043** is the 20% darker color. If you saturate the color by 10%, you get **002E74**, and if you desaturate by 10%, it is **0C3574**.

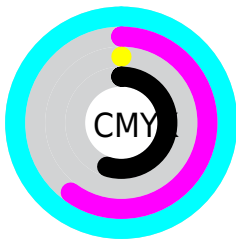
Distribution



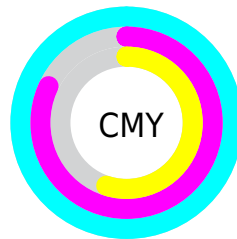
- Red (0%)
- Green (18%)
- Blue (45%)



- Red (0%)
- Yellow (13%)
- Blue (45%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (82%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002E74 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 002E74 by changing the saturation by 10% instead.

■ 002E74

■ 002E74

FFFFFF

■ 001A5B

■ 495BA9

■ 000043

■ 6574C4

■ 00032C

■ 818DE1

■ 000116

■ 9DA7FD

■ 000000

■ B9C2FF

■ D6DEFF

■ F3FBFF

■ 002E74

■ 0C3574

■ 173C74

■ 234374

■ 2E4A74

■ 3A5174

■ 465874

■ 515F74

■ 5D6674

■ 686D74

Harmonies

Analogous

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



003A78



002E74



50195F

Triad

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



002E74



601B00



004026

Complementary

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



002E74



744600

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.



003D00



002E74



482D00

Square

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



002E74



6C001C



283800



00404A

Rectangle

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



002E74



63034A



283800



003F1A

Sweetspot

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



002E74



697B96



007446



313C4D



CCCCCC



4D4D4D

Same Dimension

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



002E74



003C96



0C0074



35373B



00317A



0063FA

Inverse Universe

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



74002E



96003C



687400



3B3537



7A0031



FA0063

Previews

White Background



This preview shows how the Hex color 002E74 looks on a white background.

Color Contrast Check

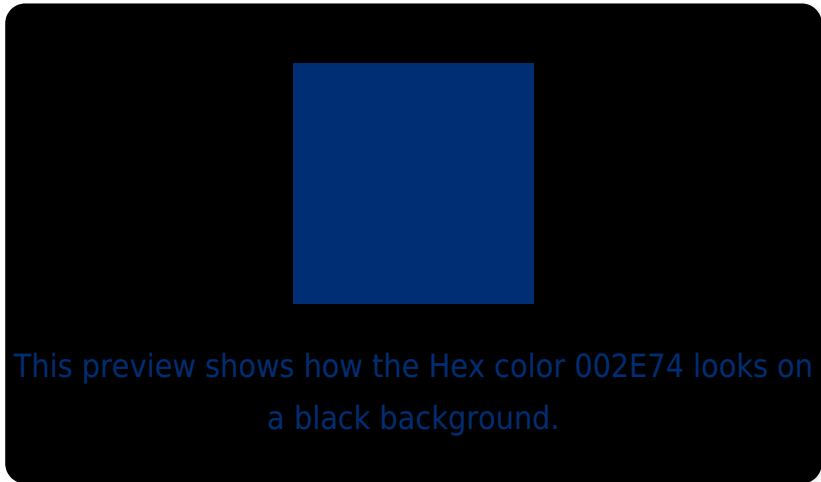
Large Text (above 18pt) WCAG AA ✓ Pass

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

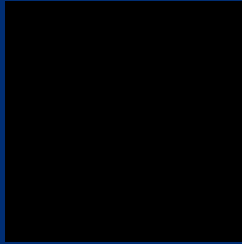
Any Text WCAG AA × Fail

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 002E74 Background



This preview shows how black text looks on a background with the Hex color 002E74.



This preview shows how white text looks on a background with the Hex color 002E74.

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

002E74

Protanopia

003168

Deuteranopia

003459

Trichromacy



Original Color

002E74

Protanomaly

00306C

Deuteranomaly

003263

Tritanomaly

003550

Monochromacy



Original Color

002E74

Achromatopsia

282828

Achromatomaly

192A44

CSS Examples

Text

The CSS property to change the color of the text to Hex 002E74 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 #002E74 looks like.

```
.text, #text, p{  
    color:#002E74  
}
```

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 #002E74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002E74
}
```

Border

The CSS property to change the border of an element to Hex 002E74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

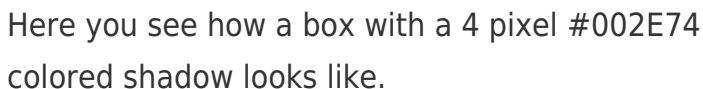
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#002E74 }
```

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

```
.border{ border-color:#002E74 }
```

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



Here you see how a box with a 4 pixel #002E74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002E74; -webkit-box-shadow:4px 4px  
4px 4px #002E74; box-shadow:4px 4px 4px  
4px #002E74 }
```

Background

The CSS property to change the background color of an element to Hex 002E74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002E74 }
```

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

```
.background{ background-color:#002E74 }
```

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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