

Converting Colors

Hex(002A40)

Have a look what the booklet for
Hex(002A40) contains.

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Color

Hex(002A40)

Conversions

Conversions Part 1

Format	Color
Hex	002A40
RGB	0, 42, 64
RGB Percent	0%, 16%, 25%
CMY	1.0000, 0.8353, 0.7490
CMYK	1.00, 0.34, 0.00, 0.75
HSL	201°, 100%, 13%
HSV	201°, 100%, 25%
XYZ	1.7534, 2.0261, 5.1492
YIQ	31.9500, -32.0940, -2.0620

Conversions

Conversions Part 2

Format	Color
RYB	0, 25, 64
Decimal	10816
CIELab	15.62, -4.19, -17.80
CIELCh	16, 18.289, 256.741
Yxy	2.0261, 0.1964, 0.2269
Android (android.graphics.Color)	4278200896 (0xFF002A40)
YUV	31.9500, 15.8006, -28.0202
Hunter-Lab	14.2341, -2.9218, -11.4842

Details

The Hex color **002A40** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **401600**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **375770**, and **000115** is the 20% darker color. If you saturate the color by 10%, you get **002A40**, and if you desaturate by 10%, it is **062C40**.

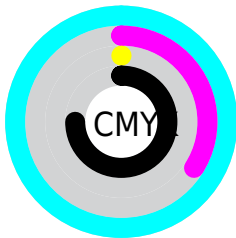
Distribution



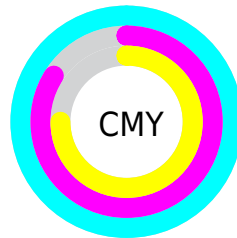
- Red (0%)
- Green (16%)
- Blue (25%)



- Red (0%)
- Yellow (10%)
- Blue (25%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (75%)



- Cyan (100%)
- Magenta (84%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002A40 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 002A40 by changing the saturation by 10% instead.

 002A40

 002A40

 F3FFFF

 00162A

 375770

 000115

 506F89

 000000

 6989A4

 84A3BF

 9EBEDB

 BADA7F

 D6F6FF

 002A40

■ 062C40

■ 0D2E40

■ 133140

■ 1A3340

■ 203540

■ 263740

■ 2D3940

■ 333C40

■ 3A3E40

Harmonies

Analogous

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



002D39



002A40



1F2640

Triad

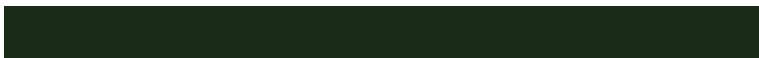
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



002A40



3F1C20



192C15

Complementary

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



002A40



401600

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.



28290C



002A40



3C2015

Square

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



002A40



3C1D2D



34240C



042D21

Rectangle

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



002A40



2C223C



34240C



1E2B11

Sweetspot

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



002A40



3B4B54



004015



1C262B



ABABAB



2B2B2B

Same Dimension

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



002A40



003754



000B40



1E2021



004061



0093E0

Inverse Universe

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



40002A



540037



403500



211E20



610040



E00093

Previews

White Background



This preview shows how the Hex color 002A40 looks on a white background.

Color Contrast Check

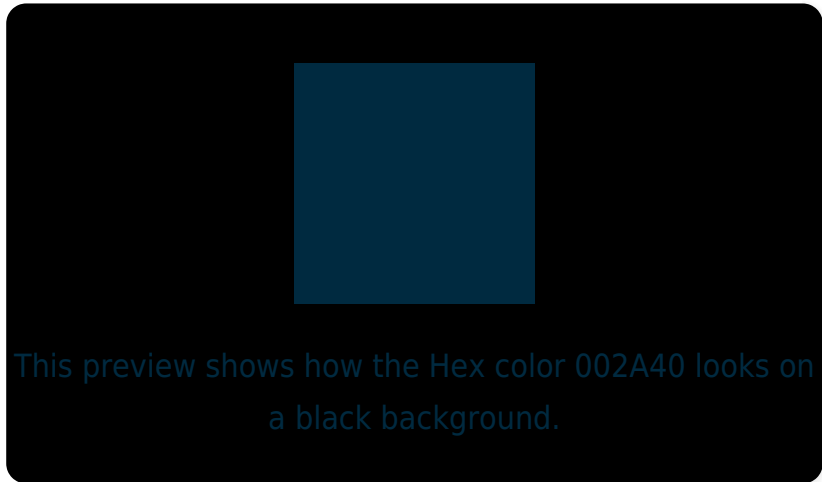
Large Text (above 18pt) WCAG AA ✓ Pass

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

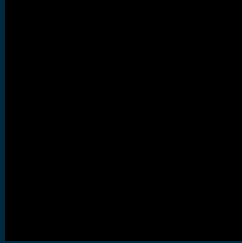
Any Text WCAG AA × Fail

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 002A40 Background



This preview shows how black text looks on a background with the Hex color 002A40.



This preview shows how white text looks on a background with the Hex color 002A40.

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
002A40

Protanopia
20273D

Deuteranopia
192841

Trichromacy



Original Color
002A40

Protanomaly
14283E

Deuteranomaly
102941

Tritanomaly
002B35

Monochromacy



Original Color
002A40

Achromatopsia
202020

Achromatomaly
14242C

CSS Examples

Text

The CSS property to change the color of the text to Hex 002A40 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 #002A40 looks like.

```
.text, #text, p{  
    color:#002A40  
}
```

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 #002A40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002A40
}
```

Border

The CSS property to change the border of an element to Hex 002A40 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
#002A40 }
```

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

```
.border{ border-color:#002A40 }
```

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

Here you see how a box with a 4 pixel #002A40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002A40; -webkit-box-shadow:4px 4px  
4px 4px #002A40; box-shadow:4px 4px 4px  
4px #002A40 }
```

Background

The CSS property to change the background color of an element to Hex 002A40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002A40 }
```

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

```
.background{ background-color:#002A40 }
```

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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