

Converting Colors

Hex(002C3F)

Have a look what the booklet for
Hex(002C3F) contains.

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Color

Hex(002C3F)

Conversions

Conversions Part 1

Format	Color
Hex	002C3F
RGB	0, 44, 63
RGB Percent	0%, 17%, 25%
CMY	1.0000, 0.8275, 0.7529
CMYK	1.00, 0.30, 0.00, 0.75
HSL	198°, 100%, 12%
HSV	198°, 100%, 25%
XYZ	1.7979, 2.1602, 5.0248
YIQ	33.0100, -32.3230, -3.4190

Conversions

Conversions Part 2

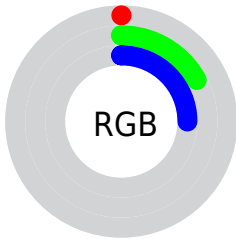
Format	Color
RYB	0, 26, 63
Decimal	11327
CIELab	16.31, -6.03, -16.04
CIELCh	16, 17.133, 249.392
Yxy	2.1602, 0.2001, 0.2405
Android (android.graphics.Color)	4278201407 (0xFF002C3F)
YUV	33.0100, 14.7851, -28.9498
Hunter-Lab	14.6978, -3.8863, -9.9815

Details

The Hex color **002C3F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3F1300**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **37596F**, and **000114** is the 20% darker color. If you saturate the color by 10%, you get **002C3F**, and if you desaturate by 10%, it is **062E3F**.

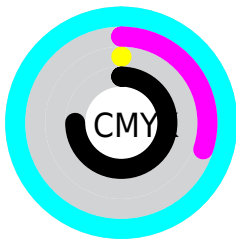
Distribution



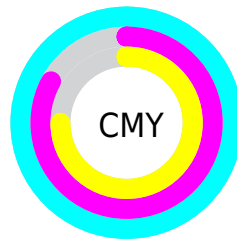
- Red (0%)
- Green (17%)
- Blue (25%)



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



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (75%)



- Cyan (100%)
- Magenta (83%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002C3F 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 002C3F by changing the saturation by 10% instead.

 002C3F

 002C3F

 F3FFFF

 001829

 37596F

 000114

 507288

 000000

 698BA2

 83A6BE

 9EC1D9

 BADD6F

 D6F9FF

 002C3F

■ 062E3F

■ 0D303F

■ 13323F

■ 19343F

■ 20363F

■ 26373F

■ 2C393F

■ 323B3F

■ 393D3F

Harmonies

Analogous

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



002E38



002C3F



1C2840

Triad

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



002C3F



401E25



1F2C15

Complementary

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



002C3F



3F1300

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.



2C290F



002C3F



3E211A

Square

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



002C3F



3B2031



372511



0E2E1F

Rectangle

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



002C3F



29253E



372511



242B13

Sweetspot

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



002C3F



394A52



003F13



1A2429



A8A8A8



292929

Same Dimension

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



002C3F



003952



000D3F



1C1E1F



00425E



009BDE

Inverse Universe

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



3F002C



520039



3F3200



1F1C1E



5E0042



DE009B

Previews

White Background



This preview shows how the Hex color 002C3F looks on a white background.

Color Contrast Check

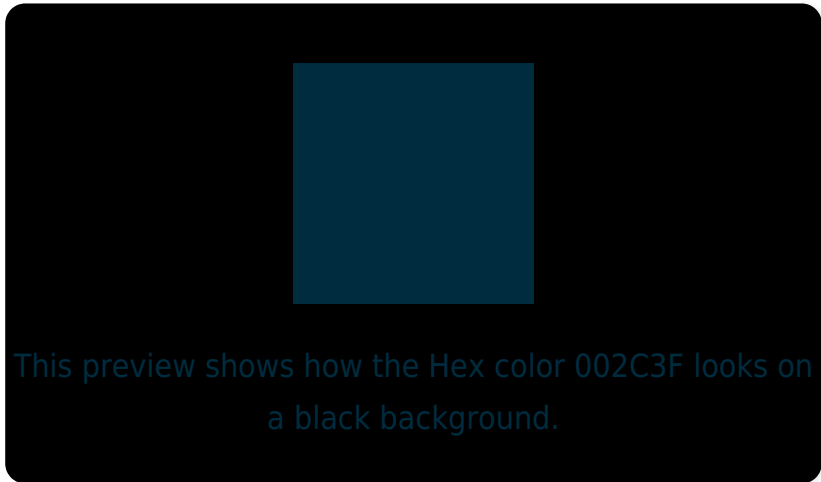
Large Text (above 18pt) WCAG AA ✓ Pass

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

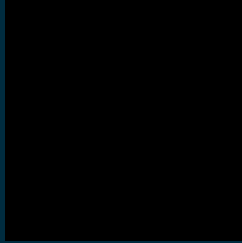
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

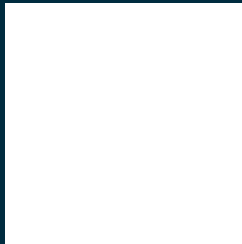
Any Text WCAG AAA × Fail

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

Hex 002C3F Background



This preview shows how black text looks on a background with the Hex color 002C3F.



This preview shows how white text looks on a background with the Hex color 002C3F.

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
002C3F

Protanopia
23293C

Deuteranopia
1E2940

Trichromacy



Original Color
002C3F

Protanomaly
162A3D

Deuteranomaly
132A40

Tritanomaly
002D36

Monochromacy



Original Color
002C3F

Achromatopsia
212121

Achromatomaly
15252C

CSS Examples

Text

The CSS property to change the color of the text to Hex 002C3F 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 #002C3F looks like.

```
.text, #text, p{  
    color:#002C3F  
}
```

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 #002C3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002C3F
}
```

Border

The CSS property to change the border of an element to Hex 002C3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

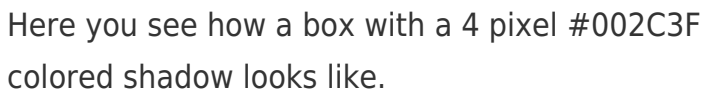
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#002C3F }
```

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

```
.border{ border-color:#002C3F }
```

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



Here you see how a box with a 4 pixel #002C3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002C3F; -webkit-box-shadow:4px 4px  
4px 4px #002C3F; box-shadow:4px 4px 4px  
4px #002C3F }
```

Background

The CSS property to change the background color of an element to Hex 002C3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002C3F }
```

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

```
.background{ background-color:#002C3F }
```

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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