

Converting Colors

Hex(002F3C)

Have a look what the booklet for
Hex(002F3C) contains.

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Color

Hex(002F3C)

Conversions

Conversions Part 1

Format	Color
Hex	002F3C
RGB	0, 47, 60
RGB Percent	0%, 18%, 24%
CMY	1.0000, 0.8157, 0.7647
CMYK	1.00, 0.22, 0.00, 0.76
HSL	193°, 100%, 12%
HSV	193°, 100%, 24%
XYZ	1.8321, 2.3593, 4.6338
YIQ	34.4290, -32.1850, -5.9210

Conversions

Conversions Part 2

Format	Color
RYB	0, 26, 60
Decimal	12092
CIELab	17.27, -9.34, -12.46
CIELCh	17, 15.577, 233.151
Yxy	2.3593, 0.2076, 0.2673
Android (android.graphics.Color)	4278202172 (0xFF002F3C)
YUV	34.4290, 12.6065, -30.1942
Hunter-Lab	15.3599, -5.5885, -7.1347

Details

The Hex color **002F3C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3C0D00**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **365D6B**, and **000111** is the 20% darker color. If you saturate the color by 10%, you get **002F3C**, and if you desaturate by 10%, it is **06303C**.

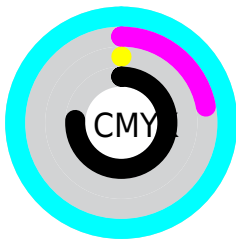
Distribution



- Red (0%)
- Green (18%)
- Blue (24%)



- Red (0%)
- Yellow (10%)
- Blue (24%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (76%)



- Cyan (100%)
- Magenta (82%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002F3C 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 002F3C by changing the saturation by 10% instead.

 002F3C

 002F3C

 F2FFFF

 001B26

 365D6B

 000111

 4F7685

 000000

 698F9F

 83AABA

 9EC5D5

 B9E1F2

 D5FEFF

 002F3C

■ 06303C

■ 0C323C

■ 12333C

■ 18343C

■ 1E353C

■ 24373C

■ 2A383C

■ 30393C

■ 363B3C

Harmonies

Analogous

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



003033



002F3C



152C40

Triad

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



002F3C



3E222D



292C15

Complementary

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



002F3C



3C0D00

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.



342914



002F3C



402222

Square

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



002F3C



362438



3C2519



1C2F1D

Rectangle

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



002F3C



222A40



3C2519



2D2B14

Sweetspot

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



002F3C



374A4F



003C0D



1A2629



A8A8A8



292929

Same Dimension

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



002F3C



003E4F



00113C



1C1E1F



004A5E



00AEDE

Inverse Universe

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



3C002F



4F003E



3C2B00



1F1C1E



5E004A



DE00AE

Previews

White Background



This preview shows how the Hex color 002F3C looks on a white background.

Color Contrast Check

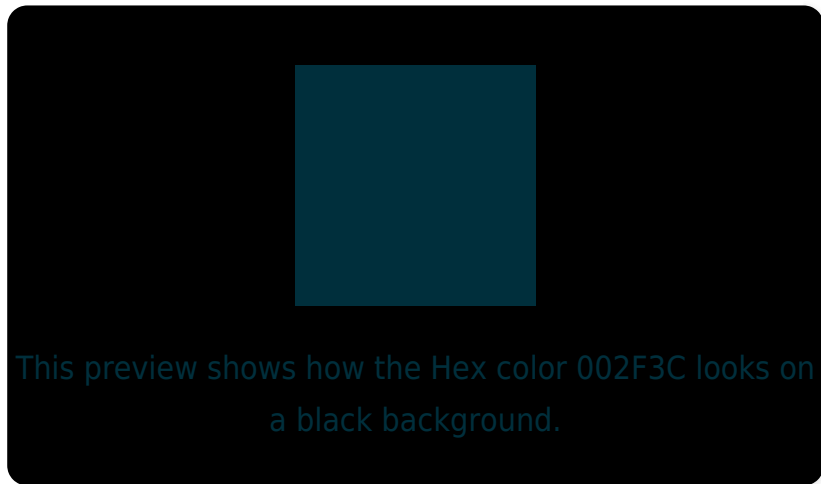
Large Text (above 18pt) WCAG AA ✓ Pass

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

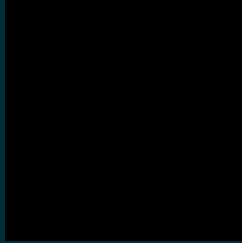
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

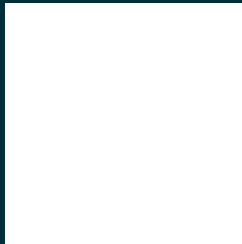
Any Text WCAG AAA × Fail

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

Hex 002F3C Background



This preview shows how black text looks on a background with the Hex color 002F3C.



This preview shows how white text looks on a background with the Hex color 002F3C.

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
002F3C

Protanopia
272B39

Deuteranopia
252B3D

Trichromacy



Original Color
002F3C

Protanomaly
192C3A

Deuteranomaly
182C3D

Tritanomaly
003037

Monochromacy



Original Color
002F3C

Achromatopsia
222222

Achromatomaly
16272B

CSS Examples

Text

The CSS property to change the color of the text to Hex 002F3C 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 #002F3C looks like.

```
.text, #text, p{  
    color:#002F3C  
}
```

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 #002F3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002F3C
}
```

Border

The CSS property to change the border of an element to Hex 002F3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

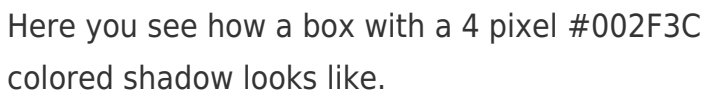
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#002F3C }
```

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

```
.border{ border-color:#002F3C }
```

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



Here you see how a box with a 4 pixel #002F3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002F3C; -webkit-box-shadow:4px 4px  
4px 4px #002F3C; box-shadow:4px 4px 4px  
4px #002F3C }
```

Background

The CSS property to change the background color of an element to Hex 002F3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002F3C }
```

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

```
.background{ background-color:#002F3C }
```

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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