

Converting Colors

Hex(002F3B)

Have a look what the booklet for
Hex(002F3B) contains.

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Color

Hex(002F3B)

Conversions

Conversions Part 1

Format	Color
Hex	002F3B
RGB	0, 47, 59
RGB Percent	0%, 18%, 23%
CMY	1.0000, 0.8157, 0.7686
CMYK	1.00, 0.20, 0.00, 0.77
HSL	192°, 100%, 12%
HSV	192°, 100%, 23%
XYZ	1.8059, 2.3488, 4.4959
YIQ	34.3150, -31.8640, -6.2320

Conversions

Conversions Part 2

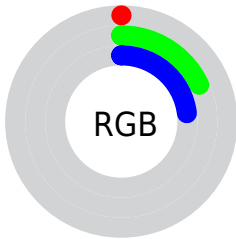
Format	Color
RYB	0, 26, 59
Decimal	12091
CIELab	17.22, -9.77, -11.85
CIELCh	17, 15.359, 230.493
Yxy	2.3488, 0.2088, 0.2715
Android (android.graphics.Color)	4278202171 (0xFF002F3B)
YUV	34.3150, 12.1697, -30.0943
Hunter-Lab	15.3258, -5.7864, -6.6648

Details

The Hex color **002F3B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3B0C00**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **365D6A**, and **000110** is the 20% darker color. If you saturate the color by 10%, you get **002F3B**, and if you desaturate by 10%, it is **06303B**.

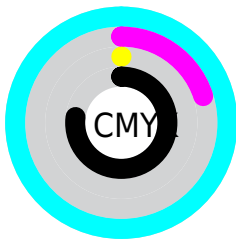
Distribution



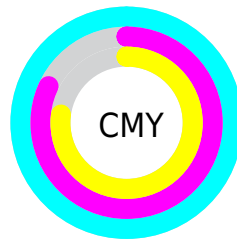
- Red (0%)
- Green (18%)
- Blue (23%)



- Red (0%)
- Yellow (10%)
- Blue (23%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (77%)



- Cyan (100%)
- Magenta (82%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002F3B 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 002F3B by changing the saturation by 10% instead.

 002F3B

 002F3B

 F1FFFF

 001B25

 365D6A

 000110

 4F7683

 000000

 688F9E

 82AAB8

 9DC5D4

 B9E1F0

 D5FEFF

 002F3B

■ 06303B

■ 0C313B

■ 12333B

■ 18343B

■ 1D353B

■ 23363B

■ 29373B

■ 2F393B

■ 353A3B

Harmonies

Analogous

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



003032



002F3B



132C40

Triad

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



002F3B



3D222E



2A2C15

Complementary

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



002F3B



3B0C00

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.



352815



002F3B



402223

Square

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



002F3B



352538



3C251A



1D2F1C

Rectangle

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



002F3B



212A40



3C251A



2E2B14

Sweetspot

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



002F3B



36484D



003B0C



182326



A6A6A6



262626

Same Dimension

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



002F3B



003D4D



00123B



1C1E1F



004B5E



00B1DE

Inverse Universe

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



3B002F



4D003D



3B2900



1F1C1E



5E004B



DE00B1

Previews

White Background



This preview shows how the Hex color 002F3B 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

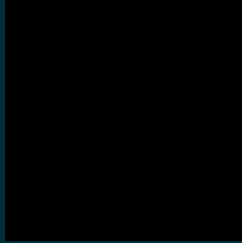
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

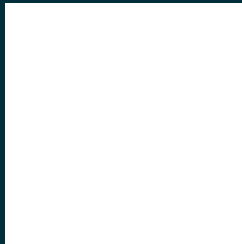
Any Text WCAG AAA × Fail

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

Hex 002F3B Background



This preview shows how black text looks on a background with the Hex color 002F3B.



This preview shows how white text looks on a background with the Hex color 002F3B.

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

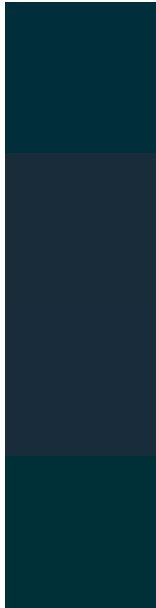


Original Color
002F3B

Protanopia
282B38

Deuteranopia
252B3C

Trichromacy



Original Color
002F3B

Protanomaly
192C39

Deuteranomaly
182C3C

Tritanomaly
003037

Monochromacy



Original Color
002F3B

Achromatopsia
222222

Achromatomaly
16272B

CSS Examples

Text

The CSS property to change the color of the text to Hex 002F3B 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 #002F3B looks like.

```
.text, #text, p{  
    color:#002F3B  
}
```

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 #002F3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002F3B
}
```

Border

The CSS property to change the border of an element to Hex 002F3B 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".

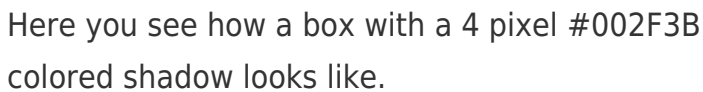
```
.border, #border, table{ border:4px solid
#002F3B }
```

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

```
.border{ border-color:#002F3B }
```

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

Here you see how a box with a 4 pixel #002F3B colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002F3B; -webkit-box-shadow:4px 4px  
4px 4px #002F3B; box-shadow:4px 4px 4px  
4px #002F3B }
```

Background

The CSS property to change the background color of an element to Hex 002F3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002F3B }
```

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

```
.background{ background-color:#002F3B }
```

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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