

Converting Colors

Hex(002F3D)

Have a look what the booklet for
Hex(002F3D) contains.

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Color

Hex(002F3D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 002F3D |
| RGB | 0, 47, 61 |
| RGB Percent | 0%, 18%, 24% |
| CMY | 1.0000, 0.8157, 0.7608 |
| CMYK | 1.00, 0.23, 0.00, 0.76 |
| HSL | 194°, 100%, 12% |
| HSV | 194°, 100%, 24% |
| XYZ | 1.8588, 2.3700, 4.7744 |
| YIQ | 34.5430, -32.5060, -5.6100 |

Conversions

Conversions Part 2

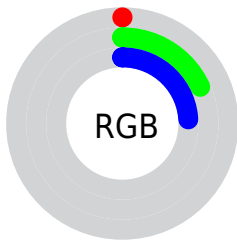
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 27, 61 |
| Decimal | 12093 |
| CIELab | 17.32, -8.91, -13.08 |
| CIELCh | 17, 15.824, 235.734 |
| Yxy | 2.3700, 0.2065, 0.2632 |
| Android (android.graphics.Color) | 4278202173 (0xFF002F3D) |
| YUV | 34.5430, 13.0433, -30.2942 |
| Hunter-Lab | 15.3946, -5.3877, -7.6114 |

Details

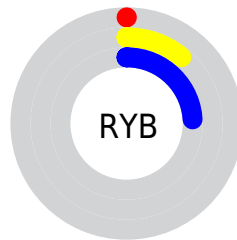
The Hex color **002F3D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3D0E00**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **375D6C**, and **000112** is the 20% darker color. If you saturate the color by 10%, you get **002F3D**, and if you desaturate by 10%, it is **06303D**.

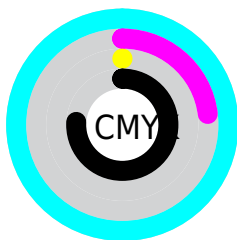
Distribution



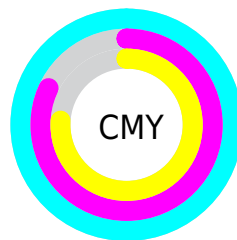
- Red (0%)
- Green (18%)
- Blue (24%)



- Red (0%)
- Yellow (11%)
- Blue (24%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (76%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 002F3D 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 002F3D by changing the saturation by 10% instead.

 002F3D

 002F3D

 F2FFFF

 001B27

 375D6C

 000112

 507686

 000000

 698FA0

 83AABB

 9EC5D7

 B9E1F3

 D6FEFF

 002F3D

■ 06303D

■ 0C323D

■ 12333D

■ 18353D

■ 1F363D

■ 25373D

■ 2B393D

■ 313A3D

■ 373C3D

Harmonies

Analogous

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



003034



002F3D



162C41

Triad

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



002F3D



3F222D



282D16

Complementary

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



002F3D



3D0E00

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.



332914



002F3D



402221

Square

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



002F3D



372437



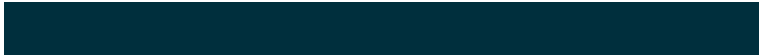
3C2518



1A2F1D

Rectangle

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



002F3D



242A40



3C2518



2C2C14

Sweetspot

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



002F3D



374A4F



003D0D



1A2529



A8A8A8



292929

Same Dimension

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



002F3D



003D4F



00113D



1C1E1F



00495E



00ABDE

Inverse Universe

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



3D002F



4F003D



3D2C00



1F1C1E



5E0049



DE00AB

Previews

White Background



This preview shows how the Hex color 002F3D looks on a white background.

Color Contrast Check

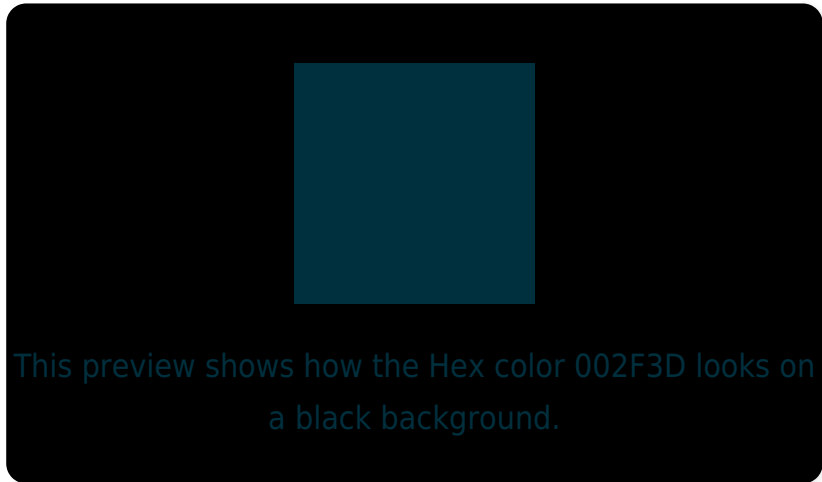
Large Text (above 18pt) WCAG AA ✓ Pass

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

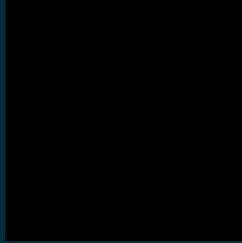
Any Text WCAG AA × Fail

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 002F3D Background



This preview shows how black text looks on a background with the Hex color 002F3D.



This preview shows how white text looks on a background with the Hex color 002F3D.

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
002F3D

Protanopia
272B3A

Deuteranopia
242B3E

Trichromacy



Original Color

002F3D

Protanomaly

192C3B

Deuteranomaly

172C3E

Tritanomaly

003037

Monochromacy



Original Color

002F3D

Achromatopsia

232323

Achromatomaly

16272C

CSS Examples

Text

The CSS property to change the color of the text to Hex 002F3D 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 #002F3D looks like.

```
.text, #text, p{  
    color:#002F3D  
}
```

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 #002F3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002F3D
}
```

Border

The CSS property to change the border of an element to Hex 002F3D 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
#002F3D }
```

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

```
.border{ border-color:#002F3D }
```

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

Here you see how a box with a 4 pixel #002F3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002F3D; -webkit-box-shadow:4px 4px  
4px 4px #002F3D; box-shadow:4px 4px 4px  
4px #002F3D }
```

Background

The CSS property to change the background color of an element to Hex 002F3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002F3D }
```

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

```
.background{ background-color:#002F3D }
```

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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