

Converting Colors

Hex(002D3B)

Have a look what the booklet for
Hex(002D3B) contains.

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Color

Hex(002D3B)

Conversions

Conversions Part 1

Format	Color
Hex	002D3B
RGB	0, 45, 59
RGB Percent	0%, 18%, 23%
CMY	1.0000, 0.8235, 0.7686
CMYK	1.00, 0.24, 0.00, 0.77
HSL	194°, 100%, 12%
HSV	194°, 100%, 23%
XYZ	1.7278, 2.1925, 4.4698
YIQ	33.1410, -31.3140, -5.1860

Conversions

Conversions Part 2

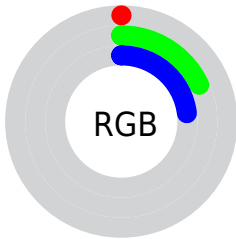
Format	Color
RYB	0, 26, 59
Decimal	11579
CIELab	16.47, -8.47, -13.02
CIELCh	16, 15.532, 236.931
Yxy	2.1925, 0.2059, 0.2613
Android (android.graphics.Color)	4278201659 (0xFF002D3B)
YUV	33.1410, 12.7485, -29.0647
Hunter-Lab	14.8072, -5.0841, -7.5326

Details

The Hex color **002D3B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3B0E00**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **365B6A**, and **000110** is the 20% darker color. If you saturate the color by 10%, you get **002D3B**, and if you desaturate by 10%, it is **062E3B**.

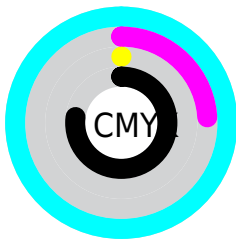
Distribution



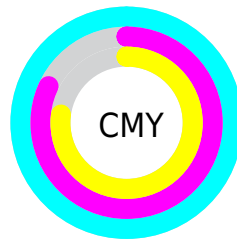
- Red (0%)
- Green (18%)
- Blue (23%)



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



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (77%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 002D3B 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 002D3B by changing the saturation by 10% instead.

 002D3B

 002D3B

 F1FFFF

 001925

 365B6A

 000110

 4F7383

 000000

 688D9E

 82A7B8

 9DC2D4

 B8DEF1

 D4FBFF

 002D3B

■ 062E3B

■ 0C303B

■ 12313B

■ 18333B

■ 1D343B

■ 23353B

■ 29373B

■ 2F383B

■ 353A3B

Harmonies

Analogous

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



002E32



002D3B



162A3F

Triad

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



002D3B



3D202A



262B15

Complementary

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



002D3B



3B0E00

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.



312812



002D3B



3E211F

Square

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



002D3B



362235



392417



182D1C

Rectangle

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



002D3B



23283E



392417



2A2A13

Sweetspot

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



002D3B



36474D



003B0E



182326



A6A6A6



262626

Same Dimension

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



002D3B



003A4D



00103B



1C1E1F



00485E



00A9DE

Inverse Universe

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



3B002D



4D003A



3B2B00



1F1C1E



5E0048



DE00A9

Previews

White Background



This preview shows how the Hex color 002D3B looks on a white background.

Color Contrast Check

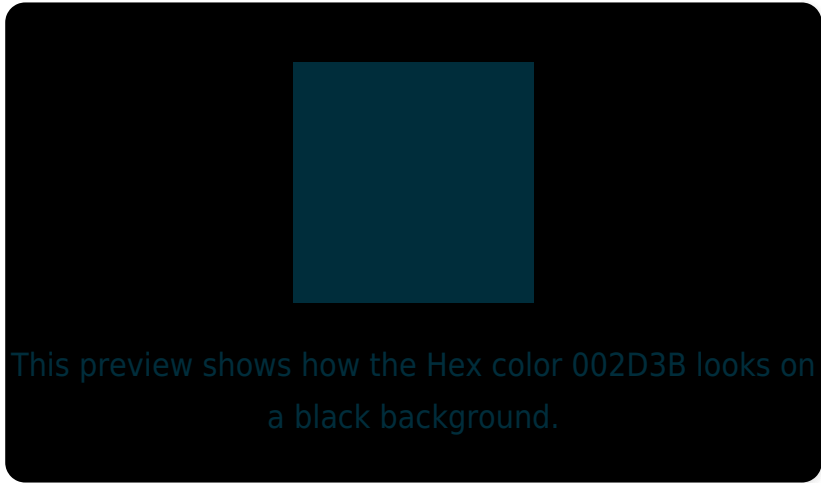
Large Text (above 18pt) WCAG AA ✓ Pass

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

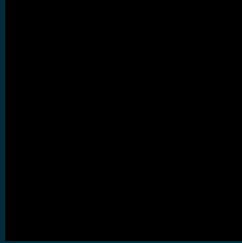
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

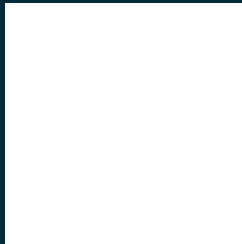
Any Text WCAG AAA × Fail

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

Hex 002D3B Background



This preview shows how black text looks on a background with the Hex color 002D3B.



This preview shows how white text looks on a background with the Hex color 002D3B.

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
002D3B

Protanopia
252938

Deuteranopia
22293C

Trichromacy



Original Color
002D3B

Protanomaly
182A39

Deuteranomaly
162A3C

Tritanomaly
002E35

Monochromacy



Original Color
002D3B

Achromatopsia
212121

Achromatomaly
15252A

CSS Examples

Text

The CSS property to change the color of the text to Hex 002D3B 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 #002D3B looks like.

```
.text, #text, p{  
    color:#002D3B  
}
```

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 #002D3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002D3B
}
```

Border

The CSS property to change the border of an element to Hex 002D3B 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
#002D3B }
```

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

```
.border{ border-color:#002D3B }
```

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

Here you see how a box with a 4 pixel #002D3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002D3B; -webkit-box-shadow:4px 4px  
4px 4px #002D3B; box-shadow:4px 4px 4px  
4px #002D3B }
```

Background

The CSS property to change the background color of an element to Hex 002D3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002D3B }
```

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

```
.background{ background-color:#002D3B }
```

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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