

Converting Colors

Hex(002B2E)

Have a look what the booklet for
Hex(002B2E) contains.

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Color

Hex(002B2E)

Conversions

Conversions Part 1

Format	Color
Hex	002B2E
RGB	0, 43, 46
RGB Percent	0%, 17%, 18%
CMY	1.0000, 0.8314, 0.8196
CMYK	1.00, 0.07, 0.00, 0.82
HSL	184°, 100%, 9%
HSV	184°, 100%, 18%
XYZ	1.3570, 1.9250, 2.8848
YIQ	30.4850, -26.5910, -8.1830

Conversions

Conversions Part 2

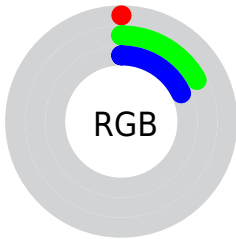
Format	Color
RYB	0, 22, 46
Decimal	11054
CIELab	15.09, -12.71, -6.02
CIELCh	15, 14.060, 205.360
Yxy	1.9250, 0.2201, 0.3122
Android (android.graphics.Color)	4278201134 (0xFF002B2E)
YUV	30.4850, 7.6489, -26.7353
Hunter-Lab	13.8745, -6.8218, -2.6156

Details

The Hex color **002B2E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2E0300**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **32595C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002B2E**, and if you desaturate by 10%, it is **052B2E**.

Distribution



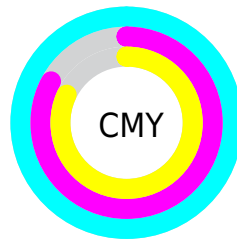
- Red (0%)
- Green (17%)
- Blue (18%)



- Red (0%)
- Yellow (9%)
- Blue (18%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (82%)



- Cyan (100%)
- Magenta (83%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002B2E 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 002B2E by changing the saturation by 10% instead.

 002B2E

 002B2E

 EBFFFF

 001719

 32595C

 000000

 4B7174

 648B8E

 7DA5A8

 98C0C3

 B3DCDF

 CFF9FC

 002B2E

■ 052B2E

■ 092C2E

■ 0E2C2E

■ 122C2E

■ 172C2E

■ 1C2D2E

■ 202D2E

■ 252D2E

■ 292E2E

Harmonies

Analogous

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



0A2B24



002B2E



032A36

Triad

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



002B2E



312031



2E2512

Complementary

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



002B2E



2E0300

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.



352116



002B2E



381E28

Square

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



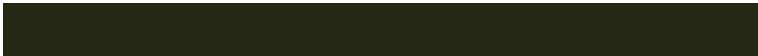
002B2E



252438



391F1E



242814

Rectangle

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



002B2E



0E2839



391F1E



312413

Sweetspot

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



002B2E



293A3B



002E02



141E1F



9E9E9E



1F1F1F

Same Dimension

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



002B2E



00373B



00152E



151717



005157



00C8D6

Inverse Universe

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



2E002B



3B0037



2E1900



171517



570051



D600C8

Previews

White Background



This preview shows how the Hex color 002B2E looks on a white background.

Color Contrast Check

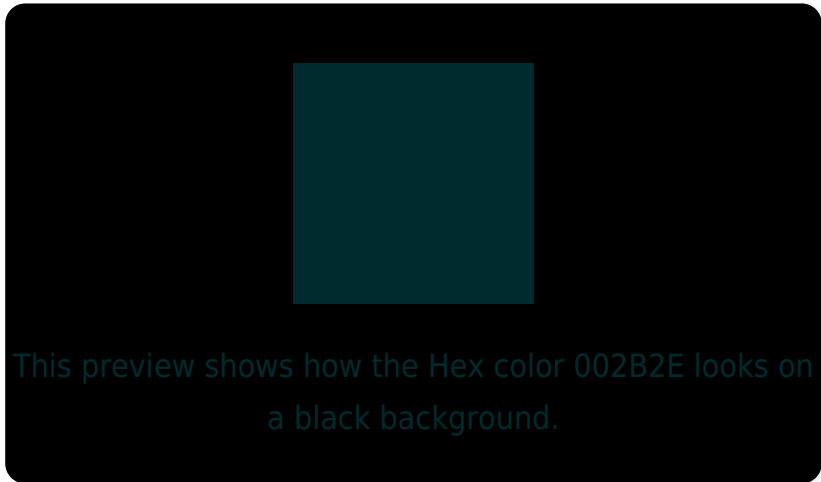
Large Text (above 18pt) WCAG AA ✓ Pass

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

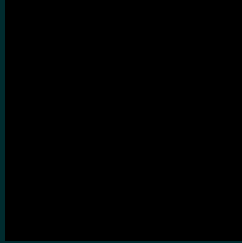
Any Text WCAG AA × Fail

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 002B2E Background



This preview shows how black text looks on a background with the Hex color 002B2E.

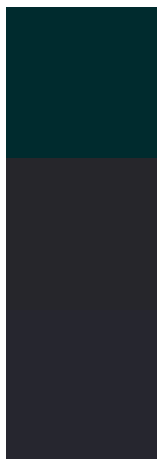


This preview shows how white text looks on a background with the Hex color 002B2E.

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
002B2E

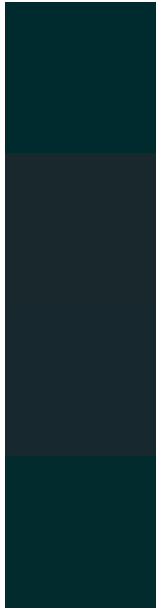
Protanopia
26262B

Deuteranopia
26262F



Tritanopia
032B2E

Trichromacy



Original Color
002B2E

Protanomaly
18282C

Deuteranomaly
18282F

Tritanomaly
022B2E

Monochromacy



Original Color
002B2E

Achromatopsia
1E1E1E

Achromatomaly
132324

CSS Examples

Text

The CSS property to change the color of the text to Hex 002B2E 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 #002B2E looks like.

```
.text, #text, p{  
    color:#002B2E  
}
```

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 #002B2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002B2E
}
```

Border

The CSS property to change the border of an element to Hex 002B2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

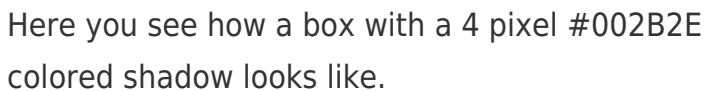
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#002B2E }
```

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

```
.border{ border-color:#002B2E }
```

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



Here you see how a box with a 4 pixel #002B2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002B2E; -webkit-box-shadow:4px 4px  
4px 4px #002B2E; box-shadow:4px 4px 4px  
4px #002B2E }
```

Background

The CSS property to change the background color of an element to Hex 002B2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002B2E }
```

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

```
.background{ background-color:#002B2E }
```

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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