

Converting Colors

Hex(00002E)

Have a look what the booklet for
Hex(00002E) contains.

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Color

Hex(00002E)

Conversions

Conversions Part 1

Format	Color
Hex	00002E
RGB	0, 0, 46
RGB Percent	0%, 0%, 18%
CMY	1.0000, 1.0000, 0.8196
CMYK	1.00, 1.00, 0.00, 0.82
HSL	240°, 100%, 9%
HSV	240°, 100%, 18%
XYZ	0.4931, 0.1973, 2.5969
YIQ	5.2440, -14.7660, 14.3060

Conversions

Conversions Part 2

Format	Color
RYB	0, 0, 46
Decimal	46
CIELab	1.78, 12.52, -26.91
CIELCh	2, 29.681, 294.951
Yxy	0.1973, 0.1500, 0.0600
Android (android.graphics.Color)	4278190126 (0xFF00002E)
YUV	5.2440, 20.0927, -4.5990
Hunter-Lab	4.4414, 12.0472, -31.5577

Details

The Hex color **00002E** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2E2E00**, and the grayscale version is **050505**.

A 20% lighter version of the original color is **2E305C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00002E**, and if you desaturate by 10%, it is **05052E**.

Distribution



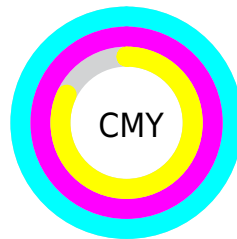
- Red (0%)
- Green (0%)
- Blue (18%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00002E 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 00002E by changing the saturation by 10% instead.

 00002E

 00002E

 E6E2FF

 000118

 2E305C

 000000

 464675

 5F5E8F

 7876A9

 9390C5

 AEABE1

 C9C6FE

 00002E

■ 05052E

■ 09092E

■ 0E0E2E

■ 12122E

■ 17172E

■ 1C1C2E

■ 20202E

■ 25252E

■ 29292E

Harmonies

Analogous

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



000C31



00002E



210022

Triad

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



00002E



230000



000C00

Complementary

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



00002E



2E2E00

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.



000C00



00002E



100400

Square

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



00002E



2B0000



000C00



000D1B

Rectangle

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



00002E



290016



000C00

Sweetspot

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



00002E



29293B



002E2E



14141F



9E9E9E



1F1F1F

Same Dimension

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



00002E



00003B



17002E



151517



000057



0000D6

Inverse Universe

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



2E002E



3B003B



172E00



171517



570057



D600D6

Previews

White Background



This preview shows how the Hex color 00002E looks on a white background.

Color Contrast Check

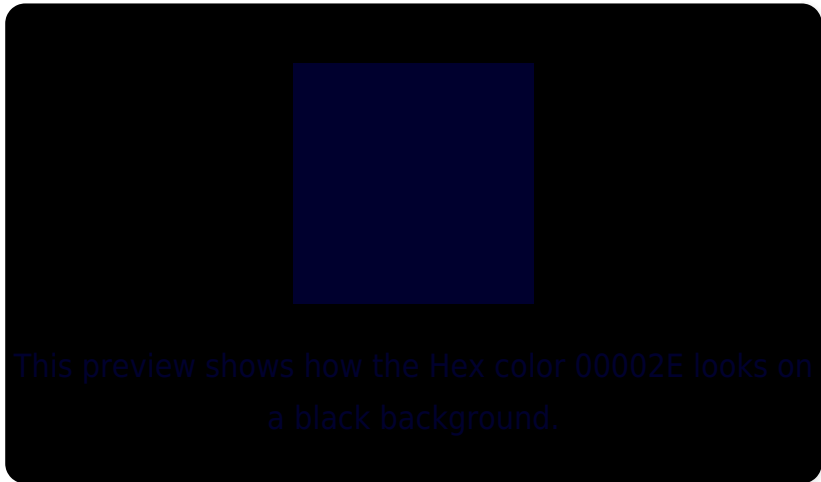
Large Text (above 18pt) WCAG AA ✓ Pass

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

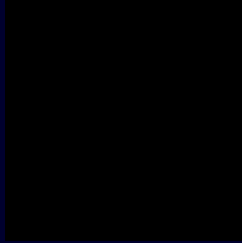
Any Text WCAG AA × Fail

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 00002E Background



This preview shows how black text looks on a background with the Hex color 00002E.



This preview shows how white text looks on a background with the Hex color 00002E.

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
00002E

Protanopia
000D1C

Deuteranopia
000E18



Tritanopia
000F10

Trichromacy



Original Color
00002E

Protanomaly
000823

Deuteranomaly
000920

Tritanomaly
000A1B

Monochromacy



Original Color
00002E

Achromatopsia
050505

Achromatomaly
030314

CSS Examples

Text

The CSS property to change the color of the text to Hex 00002E 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 #00002E looks like.

```
.text, #text, p{  
    color:#00002E  
}
```

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 #00002E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00002E
}
```

Border

The CSS property to change the border of an element to Hex 00002E is called "border". The border property can be set on classes, ids or directly on the HTML element.

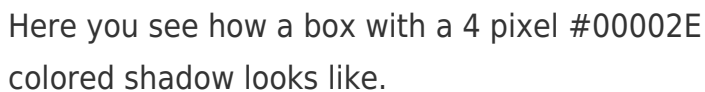
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00002E }
```

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

```
.border{ border-color:#00002E }
```

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



Here you see how a box with a 4 pixel #00002E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00002E; -webkit-box-shadow:4px 4px  
4px 4px #00002E; box-shadow:4px 4px 4px  
4px #00002E }
```

Background

The CSS property to change the background color of an element to Hex 00002E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00002E }
```

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

```
.background{ background-color:#00002E }
```

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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