

Converting Colors

Hex(002E10)

Have a look what the booklet for
Hex(002E10) contains.

Hex(002E10)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(002E10)

Conversions

Conversions Part 1

Format	Color
Hex	002E10
RGB	0, 46, 16
RGB Percent	0%, 18%, 6%
CMY	1.0000, 0.8196, 0.9373
CMYK	1.00, 0.00, 0.65, 0.82
HSL	141°, 100%, 9%
HSV	141°, 100%, 18%
XYZ	1.0705, 1.9914, 0.8182
YIQ	28.8260, -17.7860, -19.0820

Conversions

Conversions Part 2

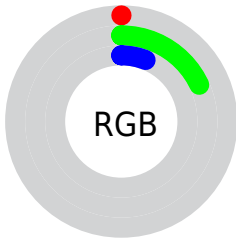
Format	Color
RYB	0, 34, 46
Decimal	11792
CIELab	15.44, -23.45, 14.92
CIELCh	15, 27.793, 147.528
Yxy	1.9914, 0.2759, 0.5132
Android (android.graphics.Color)	4278201872 (0xFF002E10)
YUV	28.8260, -6.3232, -25.2804
Hunter-Lab	14.1117, -11.1544, 6.4407

Details

The Hex color **002E10** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2E001E**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **315D3B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002E10**, and if you desaturate by 10%, it is **052E13**.

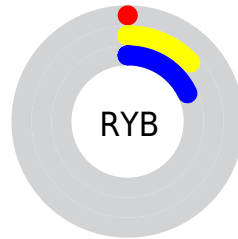
Distribution



Red (0%)

Green (18%)

Blue (6%)



Red (0%)

Yellow (13%)

Blue (18%)

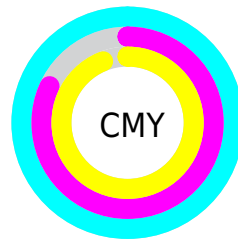


Cyan (100%)

Magenta (0%)

Yellow (65%)

Black (82%)



Cyan (100%)

Magenta (82%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002E10 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 002E10 by changing the saturation by 10% instead.

 002E10

 002E10

 E9FFF1

 001C00

 315D3B

 000000

 497552

 628F6A

 7CAA83

 96C59E

 B1E1B9

 CDFED4

 002E10

■ 052E13

■ 092E16

■ 0E2E19

■ 122E1C

■ 172E1F

■ 1C2E22

■ 202E25

■ 252E28

■ 292E2B

Harmonies

Analogous

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



202B00



002E10



002F24

Triad

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



002E10



00294E



491516

Complementary

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



002E10



2E001E

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.



481229



002E10



23224A

Square

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



002E10



002E48



3D193C



411D00

Rectangle

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



002E10



003032



3D193C



4A131C

Sweetspot

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



002E10



293B2F



1F2E00



141F17



9E9E9E



1F1F1F

Same Dimension

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



002E10



003B14



002E26



151715



00571E



00D64B

Inverse Universe

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



2E001E



3B0026



2E0008



171516



570039



D6008C

Previews

White Background



This preview shows how the Hex color 002E10 looks on a white background.

Color Contrast Check

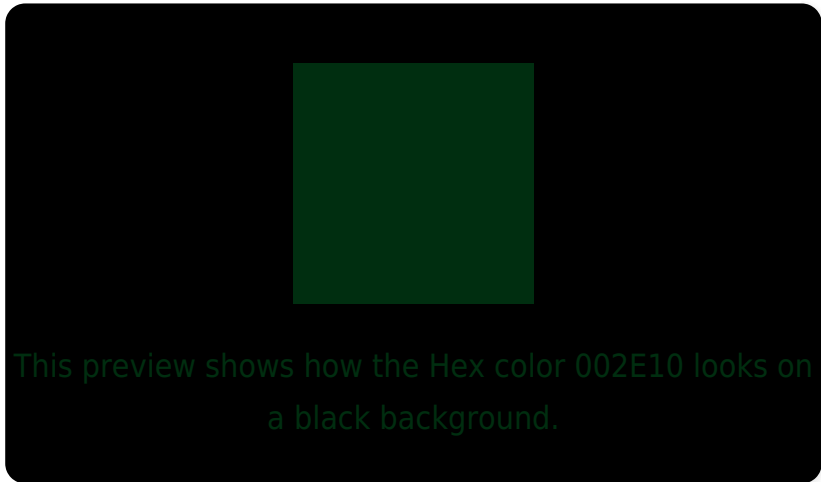
Large Text (above 18pt) WCAG AA ✓ Pass

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

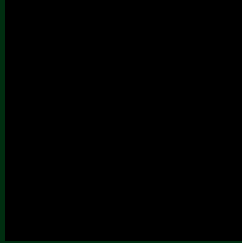
Any Text WCAG AA × Fail

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 002E10 Background



This preview shows how black text looks on a background with the Hex color 002E10.



This preview shows how white text looks on a background with the Hex color 002E10.

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
002E10

Protanopia
2C280E

Deuteranopia
312613



Tritanopia
132B2F

Trichromacy



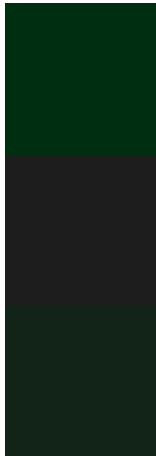
Original Color
002E10

Protanomaly
1C2A0F

Deuteranomaly
1F2912

Tritanomaly
0C2C24

Monochromacy



Original Color
002E10

Achromatopsia
1D1D1D

Achromatomaly
122318

CSS Examples

Text

The CSS property to change the color of the text to Hex 002E10 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 #002E10 looks like.

```
.text, #text, p{  
    color:#002E10  
}
```

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 #002E10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002E10
}
```

Border

The CSS property to change the border of an element to Hex 002E10 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
#002E10 }
```

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

```
.border{ border-color:#002E10 }
```

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

Here you see how a box with a 4 pixel #002E10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002E10; -webkit-box-shadow:4px 4px  
4px 4px #002E10; box-shadow:4px 4px 4px  
4px #002E10 }
```

Background

The CSS property to change the background color of an element to Hex 002E10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002E10 }
```

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

```
.background{ background-color:#002E10 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor