

Converting Colors

Hex(002E13)

Have a look what the booklet for
Hex(002E13) contains.

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Color

Hex(002E13)

Conversions

Conversions Part 1

Format	Color
Hex	002E13
RGB	0, 46, 19
RGB Percent	0%, 18%, 7%
CMY	1.0000, 0.8196, 0.9255
CMYK	1.00, 0.00, 0.59, 0.82
HSL	145°, 100%, 9%
HSV	145°, 100%, 18%
XYZ	1.0945, 2.0010, 0.9446
YIQ	29.1680, -18.7490, -18.1490

Conversions

Conversions Part 2

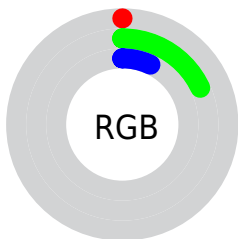
Format	Color
RYB	0, 33, 46
Decimal	11795
CIELab	15.49, -22.83, 13.20
CIELCh	15, 26.374, 149.968
Yxy	2.0010, 0.2709, 0.4953
Android (android.graphics.Color)	4278201875 (0xFF002E13)
YUV	29.1680, -5.0128, -25.5803
Hunter-Lab	14.1457, -10.9433, 5.9426

Details

The Hex color **002E13** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2E001B**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **315D3E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002E13**, and if you desaturate by 10%, it is **052E16**.

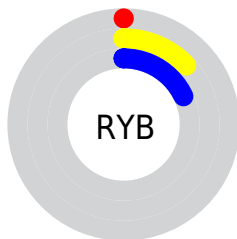
Distribution



Red (0%)

Green (18%)

Blue (7%)



Red (0%)

Yellow (13%)

Blue (18%)

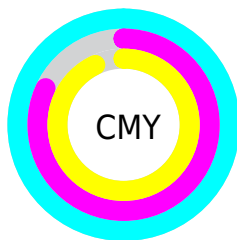


Cyan (100%)

Magenta (0%)

Yellow (59%)

Black (82%)



Cyan (100%)

Magenta (82%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002E13 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 002E13 by changing the saturation by 10% instead.

 002E13

 002E13

 E9FFF4

 001B00

 315D3E

 000000

 497555

 628F6D

 7CAA87

 96C5A1

 B1E1BC

 CDFED8

 002E13

■ 052E16

■ 092E18

■ 0E2E1B

■ 122E1E

■ 172E21

■ 1C2E23

■ 202E26

■ 252E29

■ 292E2B

Harmonies

Analogous

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



1E2B00



002E13



002F26

Triad

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



002E13



00294C



471715

Complementary

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



002E13



2E001B

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.



471428



002E13



262247

Square

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



002E13



002D47



3D193A



3F1E01

Rectangle

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



002E13



002F33



3D193A



48151B

Sweetspot

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



002E13



293B30



1C2E00



141F18



9E9E9E



1F1F1F

Same Dimension

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



002E13



003B18



002E29



151716



005724



00D658

Inverse Universe

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



2E001B



3B0022



2E0005



171516



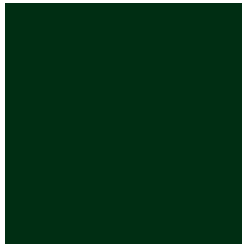
570033



D6007E

Previews

White Background



This preview shows how the Hex color 002E13 looks on a white background.

Color Contrast Check

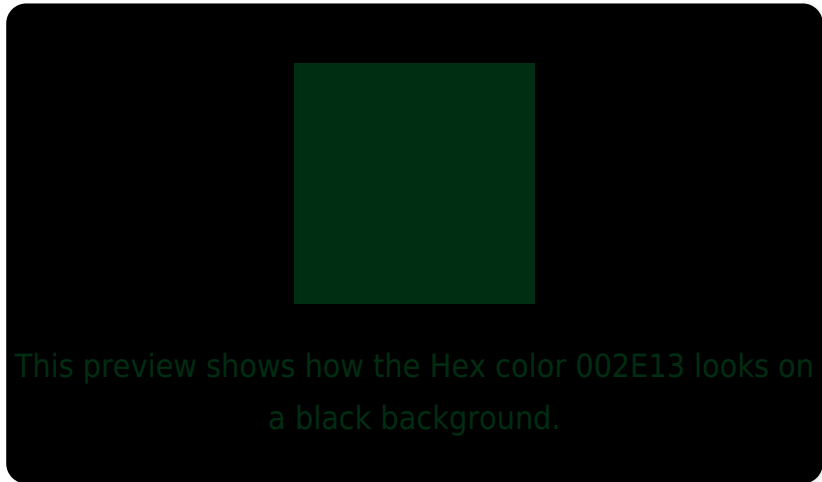
Large Text (above 18pt) WCAG AA ✓ Pass

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

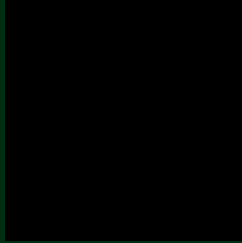
Any Text WCAG AA × Fail

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 002E13 Background



This preview shows how black text looks on a background with the Hex color 002E13.



This preview shows how white text looks on a background with the Hex color 002E13.

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
002E13

Protanopia
2C2811

Deuteranopia
302615



Tritanopia
122B2F

Trichromacy



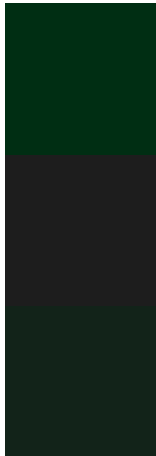
Original Color
002E13

Protanomaly
1C2A12

Deuteranomaly
1F2914

Tritanomaly
0B2C25

Monochromacy



Original Color
002E13

Achromatopsia
1D1D1D

Achromatomaly
122319

CSS Examples

Text

The CSS property to change the color of the text to Hex 002E13 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 #002E13 looks like.

```
.text, #text, p{  
    color:#002E13  
}
```

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 #002E13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002E13
}
```

Border

The CSS property to change the border of an element to Hex 002E13 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".

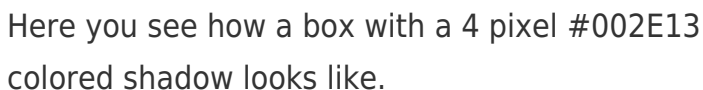
```
.border, #border, table{ border:4px solid
#002E13 }
```

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

```
.border{ border-color:#002E13 }
```

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

Here you see how a box with a 4 pixel #002E13 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002E13; -webkit-box-shadow:4px 4px  
4px 4px #002E13; box-shadow:4px 4px 4px  
4px #002E13 }
```

Background

The CSS property to change the background color of an element to Hex 002E13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002E13 }
```

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

```
.background{ background-color:#002E13 }
```

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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