

Converting Colors

Hex(002E07)

Have a look what the booklet for
Hex(002E07) contains.

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Color

Hex(002E07)

Conversions

Conversions Part 1

Format	Color
Hex	002E07
RGB	0, 46, 7
RGB Percent	0%, 18%, 3%
CMY	1.0000, 0.8196, 0.9725
CMYK	1.00, 0.00, 0.85, 0.82
HSL	129°, 100%, 9%
HSV	129°, 100%, 18%
XYZ	1.0153, 1.9693, 0.5276
YIQ	27.8000, -14.8970, -21.8810

Conversions

Conversions Part 2

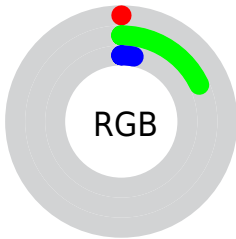
Format	Color
RYB	0, 40, 46
Decimal	11783
CIELab	15.33, -24.90, 18.88
CIElCh	15, 31.250, 142.840
Yxy	1.9693, 0.2891, 0.5607
Android (android.graphics.Color)	4278201863 (0xFF002E07)
YUV	27.8000, -10.2544, -24.3806
Hunter-Lab	14.0333, -11.6433, 7.5941

Details

The Hex color **002E07** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2E0027**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **315D34**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002E07**, and if you desaturate by 10%, it is **052E0B**.

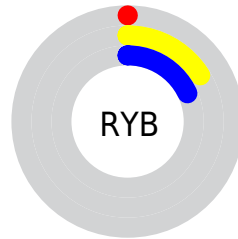
Distribution



Red (0%)

Green (18%)

Blue (3%)



Red (0%)

Yellow (16%)

Blue (18%)

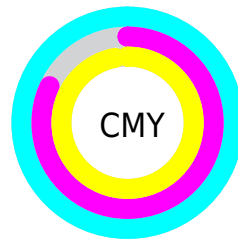


Cyan (100%)

Magenta (0%)

Yellow (85%)

Black (82%)



Cyan (100%)

Magenta (82%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002E07 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 002E07 by changing the saturation by 10% instead.

 002E07

 002E07

 E9FFE8

 001B00

 315D34

 000000

 49764B

 628F63

 7CAA7C

 96C596

 B1E2B1

 CDFECC

 002E07

■ 052E0B

■ 092E0F

■ 0E2E13

■ 122E17

■ 172E1B

■ 1C2E1E

■ 202E22

■ 252E26

■ 292E2A

Harmonies

Analogous

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



212A00



002E07



003020

Triad

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



002E07



002B52



4C0F17

Complementary

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



002E07



2E0027

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.



4A0E2D



002E07



19234F

Square

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



002E07



002F49



3B1841



451A00

Rectangle

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



002E07



003030



3B1841



4D0D1E

Sweetspot

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



002E07



293B2C



272E00



141F15



9E9E9E



1F1F1F

Same Dimension

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



002E07



003B09



002E1E



151715



00570D



00D621

Inverse Universe

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



2E0027



3B0032



2E0010



171517



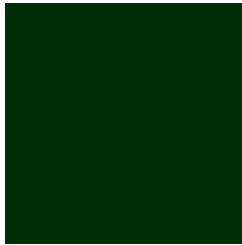
57004A



D600B6

Previews

White Background



This preview shows how the Hex color 002E07 looks on a white background.

Color Contrast Check

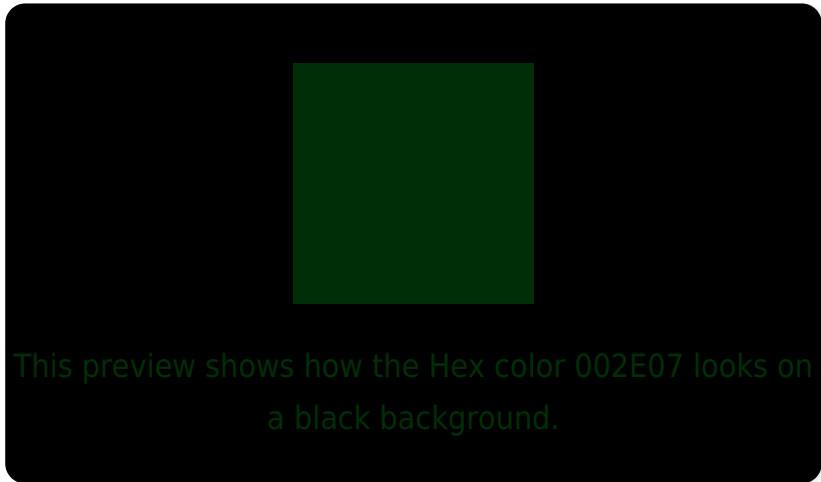
Large Text (above 18pt) WCAG AA ✓ Pass

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

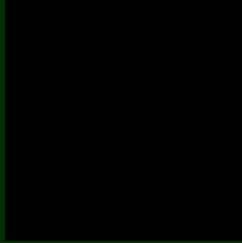
Any Text WCAG AA × Fail

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 002E07 Background



This preview shows how black text looks on a background with the Hex color 002E07.



This preview shows how white text looks on a background with the Hex color 002E07.

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
002E07

Protanopia
2C2705

Deuteranopia
31250C



Tritanopia
132B2E

Trichromacy



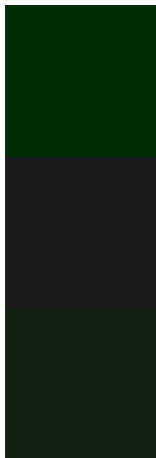
Original Color
002E07

Protanomaly
1C2A06

Deuteranomaly
1F280A

Tritanomaly
0C2C20

Monochromacy



Original Color
002E07

Achromatopsia
1C1C1C

Achromatomaly
122314

CSS Examples

Text

The CSS property to change the color of the text to Hex 002E07 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 #002E07 looks like.

```
.text, #text, p{  
    color:#002E07  
}
```

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 #002E07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002E07
}
```

Border

The CSS property to change the border of an element to Hex 002E07 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".

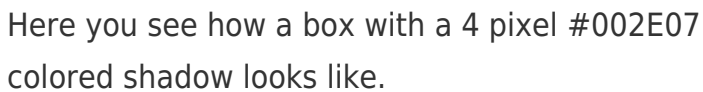
```
.border, #border, table{ border:4px solid
#002E07 }
```

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

```
.border{ border-color:#002E07 }
```

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

Here you see how a box with a 4 pixel #002E07 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002E07; -webkit-box-shadow:4px 4px  
4px 4px #002E07; box-shadow:4px 4px 4px  
4px #002E07 }
```

Background

The CSS property to change the background color of an element to Hex 002E07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002E07 }
```

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

```
.background{ background-color:#002E07 }
```

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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