

Converting Colors

Hex(00802E)

Have a look what the booklet for
Hex(00802E) contains.

Hex(00802E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(00802E)

Conversions

Conversions Part 1

Format	Color
Hex	00802E
RGB	0, 128, 46
RGB Percent	0%, 50%, 18%
CMY	1.0000, 0.4980, 0.8196
CMYK	1.00, 0.00, 0.64, 0.50
HSL	142°, 100%, 25%
HSV	142°, 100%, 50%
XYZ	8.2123, 15.6356, 5.1699
YIQ	80.3800, -49.9660, -52.6380

Conversions

Conversions Part 2

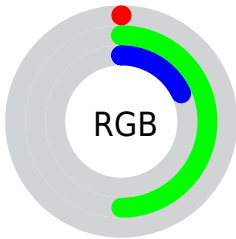
Format	Color
RYB	0, 94, 128
Decimal	32814
CIELab	46.49, -48.32, 35.32
CIELCh	46, 59.856, 143.832
Yxy	15.6356, 0.2830, 0.5388
Android (android.graphics.Color)	4278222894 (0xFF00802E)
YUV	80.3800, -16.9493, -70.4933
Hunter-Lab	39.5419, -32.1262, 19.9274

Details

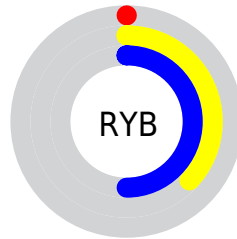
The Hex color **00802E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **800052**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **4FB65F**, and **004D00** is the 20% darker color. If you saturate the color by 10%, you get **00802E**, and if you desaturate by 10%, it is **0D8036**.

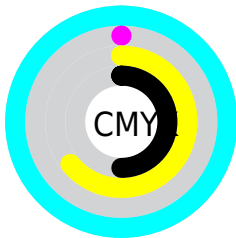
Distribution



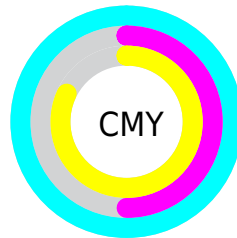
- Red (0%)
- Green (50%)
- Blue (18%)



- Red (0%)
- Yellow (37%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (64%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00802E 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 00802E by changing the saturation by 10% instead.

 00802E

 00802E

FFFFFF

 006615

 4FB65F

 004D00

 6CD279

 003500

 89EF93

 001F00

 A5FFAE

 000000

 C2FFCA

 DFFFE6

 FDFFFF

 00802E

 0D8036

 1A803E

 268047

 33804F

 408057

 4D805F

 5A8067

 668070

 738078

Harmonies

Analogous

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



5E7700



00802E



008462

Triad

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



00802E



0077D3



C53C49

Complementary

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



00802E



800052

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.



C1387B



00802E



5565CB

Square

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



00802E



0081BF



A04DAA



B1531A

Rectangle

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



00802E



008585



A04DAA



C73859

Sweetspot

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



00802E



74A686



538000



365441



D4D4D4



545454

Same Dimension

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



00802E



00A63C



00806D



39403C



000000

Inverse Universe

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



800052



A6006A



800013



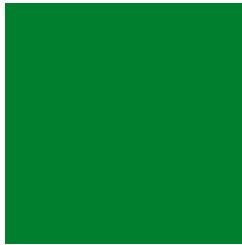
40393D



000000

Previews

White Background



This preview shows how the Hex color 00802E looks on a white background.

Color Contrast Check

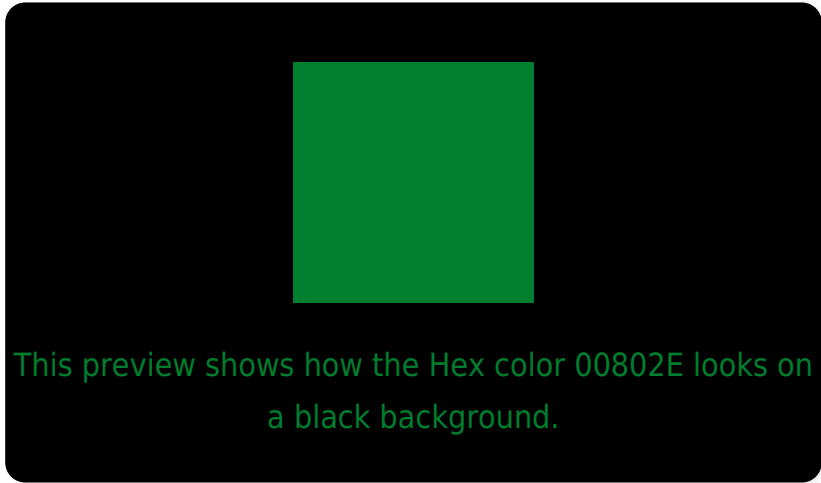
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 00802E Background



This preview shows how black text looks on a background with the Hex color 00802E.



This preview shows how white text looks on a background with the Hex color 00802E.

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





Tritanopia
337882

Trichromacy



Original Color
00802E



Protanomaly
4E752B



Deuteranomaly
567132



Tritanomaly
207B63

Monochromacy



Original Color
00802E



Achromatopsia
505050



Achromatomaly
336144

CSS Examples

Text

The CSS property to change the color of the text to Hex 00802E 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 #00802E looks like.

```
.text, #text, p{  
    color:#00802E  
}
```

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 #00802E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00802E
}
```

Border

The CSS property to change the border of an element to Hex 00802E is called "border". The border property can be set on classes, ids or directly on the HTML element.

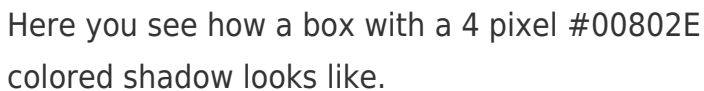
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00802E }
```

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

```
.border{ border-color:#00802E }
```

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



Here you see how a box with a 4 pixel #00802E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00802E; -webkit-box-shadow:4px 4px  
4px 4px #00802E; box-shadow:4px 4px 4px  
4px #00802E }
```

Background

The CSS property to change the background color of an element to Hex 00802E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00802E }
```

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

```
.background{ background-color:#00802E }
```

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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