

Converting Colors

Hex(0D802E)

Have a look what the booklet for
Hex(0D802E) contains.

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Color

Hex(0D802E)

Conversions

Conversions Part 1

Format	Color
Hex	0D802E
RGB	13, 128, 46
RGB Percent	5%, 50%, 18%
CMY	0.9490, 0.4980, 0.8196
CMYK	0.90, 0.00, 0.64, 0.50
HSL	137°, 82%, 28%
HSV	137°, 90%, 50%
XYZ	8.3783, 15.7212, 5.1777
YIQ	84.2670, -42.2180, -49.8820

Conversions

Conversions Part 2

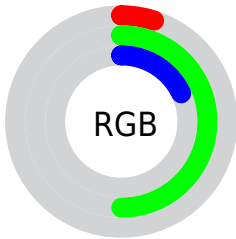
Format	Color
RYB	13, 102, 128
Decimal	884782
CIELab	46.61, -47.33, 35.48
CIELCh	47, 59.156, 143.142
Yxy	15.7212, 0.2862, 0.5370
Android (android.graphics.Color)	4279074862 (0xFF0D802E)
YUV	84.2670, -18.8656, -62.5012
Hunter-Lab	39.6499, -31.6691, 20.0126

Details

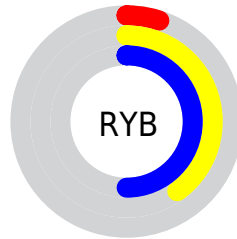
The Hex color **0D802E** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **800D5F**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **53B65F**, and **004D00** is the 20% darker color. If you saturate the color by 10%, you get **008025**, and if you desaturate by 10%, it is **1A8037**.

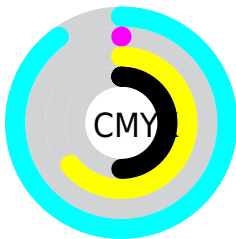
Distribution



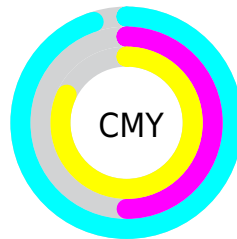
- Red (5%)
- Green (50%)
- Blue (18%)



- Red (5%)
- Yellow (40%)
- Blue (50%)



- Cyan (90%)
- Magenta (0%)
- Yellow (64%)
- Black (50%)



- Cyan (95%)
- Magenta (50%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D802E 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 0D802E by changing the saturation by 10% instead.

 0D802E

 0D802E

FFFFFF

 006615

 53B65F

 004D00

 70D279

 003500

 8CEF93

 001F00

 A8FFAE

 000000

 C5FFCA

 E3FFE6

 0D802E

 0D802E

 008025

 1A8037

 278040

 338049

 408053

 4D805C

 5A8065

 67806E

 738077

 808080

Harmonies

Analogous

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



607700



0D802E



008461

Triad

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



0D802E



0078D2



C53D4B

Complementary

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



0D802E



800D5F

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.



C03A7C



0D802E



5466CB

Square

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



0D802E



0081BE



9F4EAB



B2531D

Rectangle

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



0D802E



008584



9F4EAB



C6395B

Sweetspot

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



0D802E



79A686



5F800D



395441



D4D4D4



545454

Same Dimension

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



0D802E



00A630



0D8067



39403B



008025



000000

Inverse Universe

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



800D5F



A60076



800D26



40393E



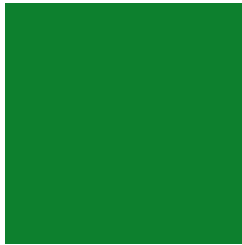
80005B



000000

Previews

White Background



This preview shows how the Hex color 0D802E looks on a white background.

Color Contrast Check

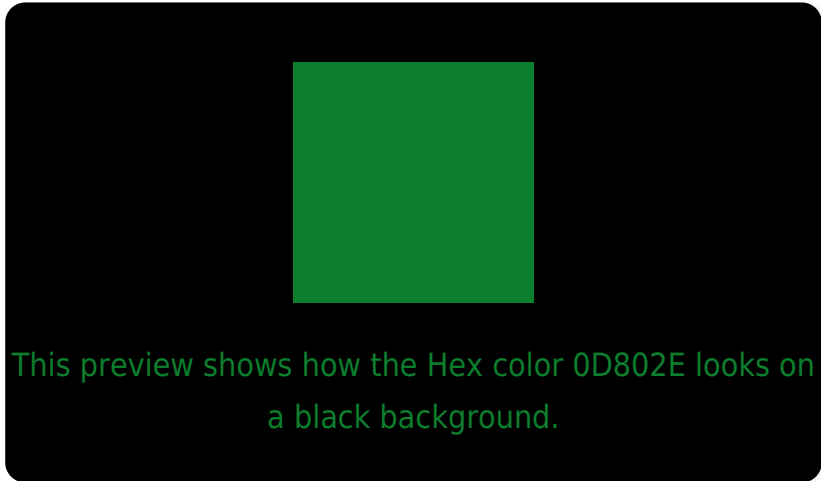
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D802E Background



This preview shows how black text looks on a background with the Hex color 0D802E.



This preview shows how white text looks on a background with the Hex color 0D802E.

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
357882

Trichromacy



Original Color
0D802E



Protanomaly
53752B



Deuteranomaly
5B7132



Tritanomaly
267B63

Monochromacy



Original Color
0D802E



Achromatopsia
545454



Achromatomaly
3A6446

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D802E 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 #0D802E looks like.

```
.text, #text, p{  
    color:#0D802E  
}
```

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 #0D802E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D802E
}
```

Border

The CSS property to change the border of an element to Hex 0D802E is called "border". The border property can be set on classes, ids or directly on the HTML element.

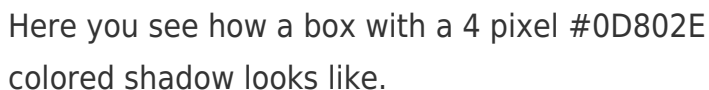
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D802E }
```

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

```
.border{ border-color:#0D802E }
```

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



Here you see how a box with a 4 pixel #0D802E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D802E; -webkit-box-shadow:4px 4px  
4px 4px #0D802E; box-shadow:4px 4px 4px  
4px #0D802E }
```

Background

The CSS property to change the background color of an element to Hex 0D802E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D802E }
```

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

```
.background{ background-color:#0D802E }
```

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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