

Converting Colors

Hex(0A773E)

Have a look what the booklet for
Hex(0A773E) contains.

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Color

Hex(0A773E)

Conversions

Conversions Part 1

Format	Color
Hex	0A773E
RGB	10, 119, 62
RGB Percent	4%, 47%, 24%
CMY	0.9608, 0.5333, 0.7569
CMYK	0.92, 0.00, 0.48, 0.53
HSL	149°, 84%, 25%
HSV	149°, 92%, 47%
XYZ	7.5915, 13.6060, 6.7835
YIQ	79.9110, -46.6670, -40.8350

Conversions

Conversions Part 2

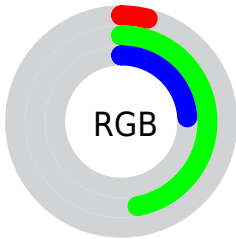
Format	Color
RYB	10, 84, 119
Decimal	685886
CIELab	43.66, -41.84, 23.58
CIELCh	44, 48.026, 150.594
Yxy	13.6060, 0.2713, 0.4863
Android (android.graphics.Color)	4278875966 (0xFF0A773E)
YUV	79.9110, -8.8301, -61.3119
Hunter-Lab	36.8863, -27.8142, 14.9167

Details

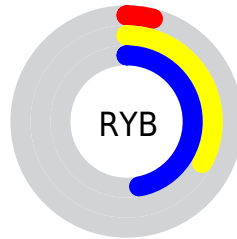
The Hex color **0A773E** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **770A43**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **4FAC6E**, and **004511** is the 20% darker color. If you saturate the color by 10%, you get **007739**, and if you desaturate by 10%, it is **167744**.

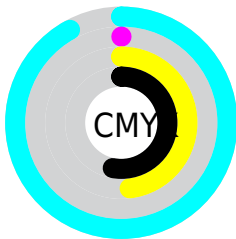
Distribution



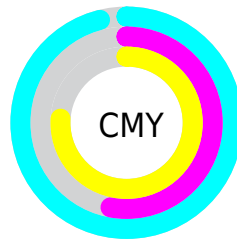
- Red (4%)
- Green (47%)
- Blue (24%)



- Red (4%)
- Yellow (33%)
- Blue (47%)



- Cyan (92%)
- Magenta (0%)
- Yellow (48%)
- Black (53%)



- Cyan (96%)
- Magenta (53%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A773E 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 0A773E by changing the saturation by 10% instead.

 0A773E

 0A773E


FFFFFF

 005E27

 4FAC6E

 004511

 6BC888

 002E00

 87E4A3

 001500

 A3FFBE

 000000

 BFFFDA

 DCFFF6

 FAFFFF

 0A773E

 0A773E

■ 007739

■ 167744

■ 22774A

■ 2E7751

■ 3A7757

■ 45775D

■ 517763

■ 5D776A

■ 697770

■ 757776

Harmonies

Analogous

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



53711B



0A773E



007A67

Triad

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



0A773E



006CB7



AC4641

Complementary

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



0A773E



770A43

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.



AD4068



0A773E



685CAC

Square

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



0A773E



0075AC



984B8F



995620

Rectangle

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



0A773E



007A82



984B8F



AF434E

Sweetspot

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



0A773E



729C86



44770A



364F42



CFCFCF



4F4F4F

Same Dimension

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



0A773E



009C4A



0A7773



353B38



007A3A



00FA77

Inverse Universe

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



770A43



9C0051



770A0E



3B3538



7A0040



FA0083

Previews

White Background



This preview shows how the Hex color 0A773E looks on a white background.

Color Contrast Check

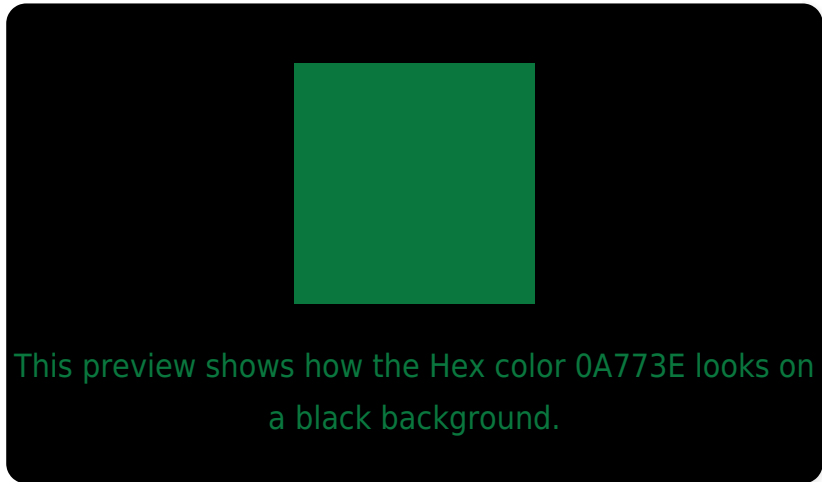
Large Text (above 18pt) WCAG AA ✓ Pass

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 0A773E Background



This preview shows how black text looks on a background with the Hex color 0A773E.



This preview shows how white text looks on a background with the Hex color 0A773E.

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
0A773E

Protanopia
716738

Deuteranopia
7C6243



Tritanopia
2E7079

Trichromacy



Original Color
0A773E



Protanomaly
4C6D3A



Deuteranomaly
536A41



Tritanomaly
217364

Monochromacy



Original Color
0A773E



Achromatopsia
505050



Achromatomaly
375E49

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A773E 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 #0A773E looks like.

```
.text, #text, p{  
    color:#0A773E  
}
```

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 #0A773E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A773E
}
```

Border

The CSS property to change the border of an element to Hex 0A773E 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".

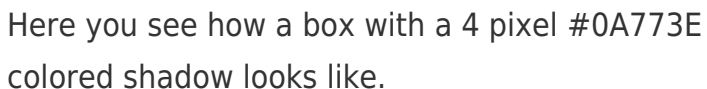
```
.border, #border, table{ border:4px solid
#0A773E }
```

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

```
.border{ border-color:#0A773E }
```

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

Here you see how a box with a 4 pixel #0A773E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A773E; -webkit-box-shadow:4px 4px  
4px 4px #0A773E; box-shadow:4px 4px 4px  
4px #0A773E }
```

Background

The CSS property to change the background color of an element to Hex 0A773E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A773E }
```

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

```
.background{ background-color:#0A773E }
```

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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