

Converting Colors

Hex(00770E)

Have a look what the booklet for
Hex(00770E) contains.

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Color

Hex(00770E)

Conversions

Conversions Part 1

Format	Color
Hex	00770E
RGB	0, 119, 14
RGB Percent	0%, 47%, 5%
CMY	1.0000, 0.5333, 0.9451
CMYK	1.00, 0.00, 0.88, 0.53
HSL	127°, 100%, 23%
HSV	127°, 100%, 47%
XYZ	6.6761, 13.2254, 2.6163
YIQ	71.4490, -37.2190, -57.8830

Conversions

Conversions Part 2

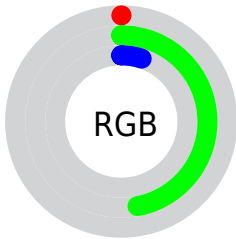
Format	Color
RYB	0, 106, 119
Decimal	30478
CIELab	43.10, -48.45, 44.18
CIELCh	43, 65.569, 137.634
Yxy	13.2254, 0.2965, 0.5873
Android (android.graphics.Color)	4278220558 (0xFF00770E)
YUV	71.4490, -28.3224, -62.6608
Hunter-Lab	36.3667, -30.8732, 21.1911

Details

The Hex color **00770E** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **770069**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4EAC45**, and **004500** is the 20% darker color. If you saturate the color by 10%, you get **00770E**, and if you desaturate by 10%, it is **0C7719**.

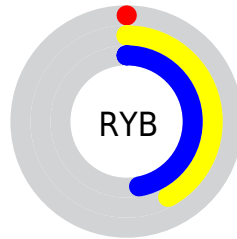
Distribution



Red (0%)

Green (47%)

Blue (5%)



Red (0%)

Yellow (42%)

Blue (47%)

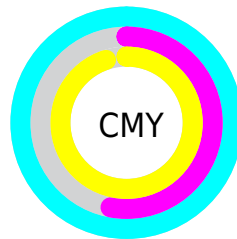


Cyan (100%)

Magenta (0%)

Yellow (88%)

Black (53%)



Cyan (100%)

Magenta (53%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00770E 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 00770E by changing the saturation by 10% instead.

 00770E

 00770E

FFFFFF

 005D00

 4EAC45

 004500

 6BC85E

 002E00

 87E578

 001300

 A3FF93

 000000

 C0FFAE

 D0FFCA

 F0FFE7

 00770E

 0C7719

 187723

 24772E

 307738

 3B7742

 47774D

 537758

 5F7762

 6B776C

Harmonies

Analogous

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



5E6D00



00770E



007C4D

Triad

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



00770E



0073D1



C32249

Complementary

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



00770E



770069

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.



BA257F



00770E



1161CF

Square

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



00770E



007BB6



8E45B0



B24113

Rectangle

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



00770E



007D73



8E45B0



C31C5A

Sweetspot

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



00770E



6D9C72



697700



334F36



CFCFCF



4F4F4F

Same Dimension

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



00770E



009C12



007749



353B35



007A0E



00FA1D

Inverse Universe

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



770069



9C0089



77002E



3B353A



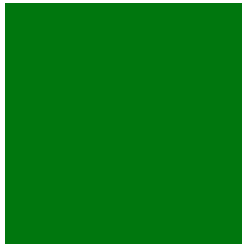
7A006C



FA00DD

Previews

White Background



This preview shows how the Hex color 00770E looks on a white background.

Color Contrast Check

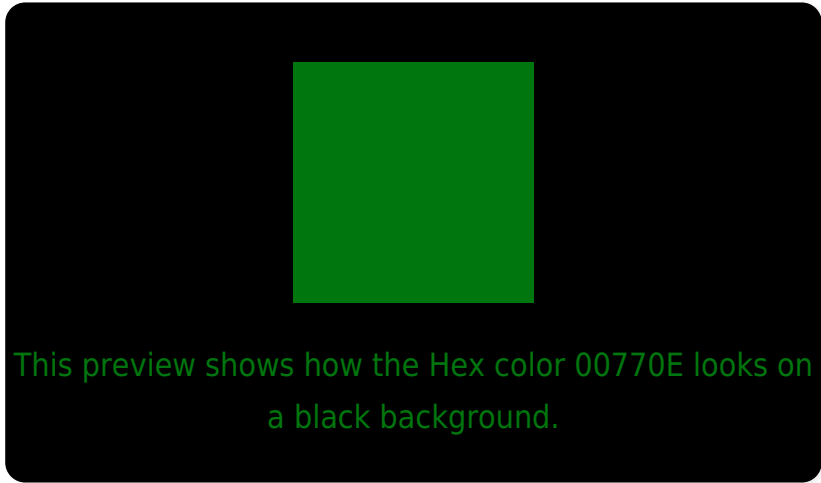
Large Text (above 18pt) WCAG AA ✓ Pass

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 00770E Background



This preview shows how black text looks on a background with the Hex color 00770E.



This preview shows how white text looks on a background with the Hex color 00770E.

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
00770E

Protanopia
736607

Deuteranopia
80601D



Tritanopia
326F78

Trichromacy



Original Color
00770E



Protanomaly
496C0A



Deuteranomaly
516818



Tritanomaly
207251

Monochromacy



Original Color
00770E



Achromatopsia
474747



Achromatomaly
2D5832

CSS Examples

Text

The CSS property to change the color of the text to Hex 00770E 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 #00770E looks like.

```
.text, #text, p{  
    color:#00770E  
}
```

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 #00770E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00770E
}
```

Border

The CSS property to change the border of an element to Hex 00770E is called "border". The border property can be set on classes, ids or directly on the HTML element.

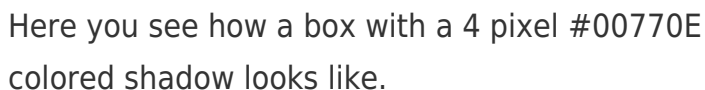
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00770E }
```

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

```
.border{ border-color:#00770E }
```

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



Here you see how a box with a 4 pixel #00770E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00770E; -webkit-box-shadow:4px 4px  
4px 4px #00770E; box-shadow:4px 4px 4px  
4px #00770E }
```

Background

The CSS property to change the background color of an element to Hex 00770E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00770E }
```

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

```
.background{ background-color:#00770E }
```

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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