

Converting Colors

Hex(00770C)

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

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Color

Hex(00770C)

Conversions

Conversions Part 1

Format	Color
Hex	00770C
RGB	0, 119, 12
RGB Percent	0%, 47%, 5%
CMY	1.0000, 0.5333, 0.9529
CMYK	1.00, 0.00, 0.90, 0.53
HSL	126°, 100%, 23%
HSV	126°, 100%, 47%
XYZ	6.6632, 13.2202, 2.5484
YIQ	71.2210, -36.5770, -58.5050

Conversions

Conversions Part 2

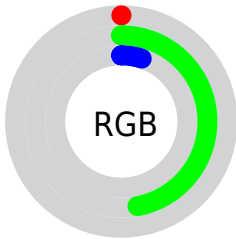
Format	Color
RYB	0, 108, 119
Decimal	30476
CIELab	43.09, -48.55, 44.68
CIELCh	43, 65.974, 137.377
Yxy	13.2202, 0.2970, 0.5894
Android (android.graphics.Color)	4278220556 (0xFF00770C)
YUV	71.2210, -29.1960, -62.4608
Hunter-Lab	36.3596, -30.9177, 21.2962

Details

The Hex color **00770C** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **77006B**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4EAC43**, and **004500** is the 20% darker color. If you saturate the color by 10%, you get **00770C**, and if you desaturate by 10%, it is **0C7717**.

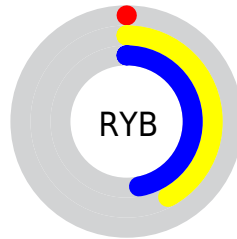
Distribution



Red (0%)

Green (47%)

Blue (5%)



Red (0%)

Yellow (42%)

Blue (47%)

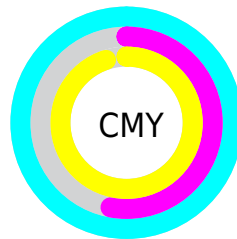


Cyan (100%)

Magenta (0%)

Yellow (90%)

Black (53%)



Cyan (100%)

Magenta (53%)

Yellow (95%)

Brightness & Saturation Gradients

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

 00770C

 00770C

FFFFFF

 005D00

 4EAC43

 004500

 6BC85D

 002E00

 87E577

 001300

 A4FF92

 000000

 C0FFAD

 DEFFC9

 FBFFE6

 00770C

 0C7717

 187721

 24772C

 307737

 3B7742

 47774C

 537757

 5F7762

 6B776C

Harmonies

Analogous

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



5E6D00



00770C



007C4C

Triad

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



00770C



0073D1



C42149

Complementary

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



00770C



77006B

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.



BA247F



00770C



0662CF

Square

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



00770C



007BB6



8E45B1



B24012

Rectangle

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



00770C



007D72



8E45B1



C41B5B

Sweetspot

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



00770C



6D9C72



6B7700



334F35



CFCFCF



4F4F4F

Same Dimension

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



00770C



009C10



007747



353B35



007A0C



00FA19

Inverse Universe

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



77006B



9C008C



770030



3B353A



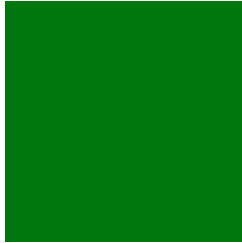
7A006E



FA00E1

Previews

White Background



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

Color Contrast Check

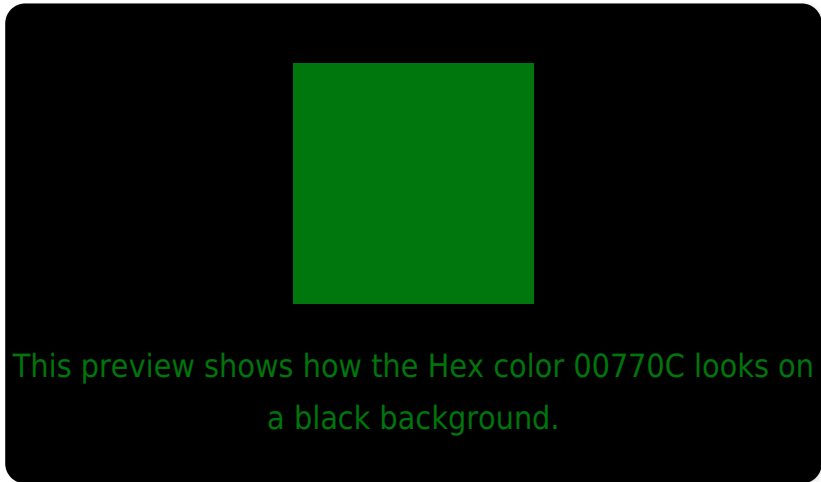
Large Text (above 18pt) WCAG AA ✓ Pass

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 00770C Background



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



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

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
00770C

Protanopia
736600

Deuteranopia
80601C



Tritanopia
326F78

Trichromacy



Original Color
00770C



Protanomaly
496C04



Deuteranomaly
516816



Tritanomaly
207251

Monochromacy



Original Color
00770C



Achromatopsia
474747



Achromatomaly
2D5832

CSS Examples

Text

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

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

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 #00770C colored shadow looks like.

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

Border

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

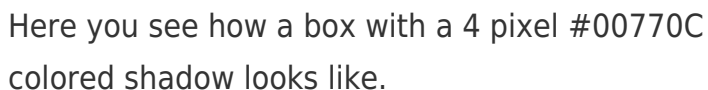
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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