

Converting Colors

Hex(0C730F)

Have a look what the booklet for
Hex(0C730F) contains.

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Color

Hex(0C730F)

Conversions

Conversions Part 1

Format	Color
Hex	0C730F
RGB	12, 115, 15
RGB Percent	5%, 45%, 6%
CMY	0.9529, 0.5490, 0.9412
CMYK	0.90, 0.00, 0.87, 0.55
HSL	122°, 81%, 25%
HSV	122°, 90%, 45%
XYZ	6.3686, 12.3741, 2.5047
YIQ	72.8030, -29.2880, -52.9360

Conversions

Conversions Part 2

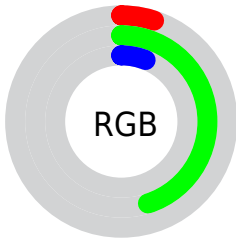
Format	Color
RYB	12, 112, 115
Decimal	815887
CIELab	41.80, -46.08, 42.78
CIELCh	42, 62.876, 137.123
Yxy	12.3741, 0.2997, 0.5824
Android (android.graphics.Color)	4279005967 (0xFF0C730F)
YUV	72.8030, -28.4969, -53.3242
Hunter-Lab	35.1769, -29.2431, 20.4021

Details

The Hex color **0C730F** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **730C70**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **50A844**, and **004100** is the 20% darker color. If you saturate the color by 10%, you get **007304**, and if you desaturate by 10%, it is **17731A**.

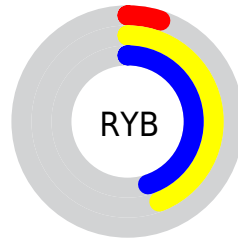
Distribution



Red (5%)

Green (45%)

Blue (6%)



Red (5%)

Yellow (44%)

Blue (45%)

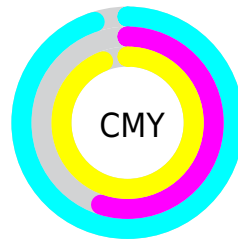


Cyan (90%)

Magenta (0%)

Yellow (87%)

Black (55%)



Cyan (95%)

Magenta (55%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C730F 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 0C730F by changing the saturation by 10% instead.



0C730F



0C730F

FFFFFF



005A00



50A844



004100



6CC45E



002C00



88E078



000C00



A5FD92



000000



C1FFAE



DEFFC9



FCFFE6



0C730F



0C730F

■ 007304

■ 17731A

■ 007303

■ 237325

■ 2E7330

■ 3A733C

■ 457347

■ 517352

■ 5D735D

■ 687368

■ 747373

Harmonies

Analogous

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



5C6900



0C730F



00784A

Triad

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



0C730F



006FC8



BC2448

Complementary

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



0C730F



730C70

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.



B2277B



0C730F



115FC7

Square

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



0C730F



0077AE



8845AA



AC3F15

Rectangle

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



0C730F



00796E



8845AA



BC1F59

Sweetspot

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



0C730F



6E966F



71730C



344D35



CCCCCC



4D4D4D

Same Dimension

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



0C730F



009604



0C7341



353B35



007A04



00FA07

Inverse Universe

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



730C70



960092



730C3E



3B353A



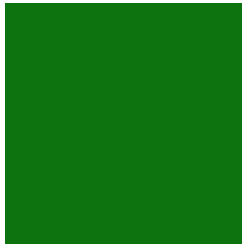
7A0077



FA00F3

Previews

White Background



This preview shows how the Hex color 0C730F looks on a white background.

Color Contrast Check

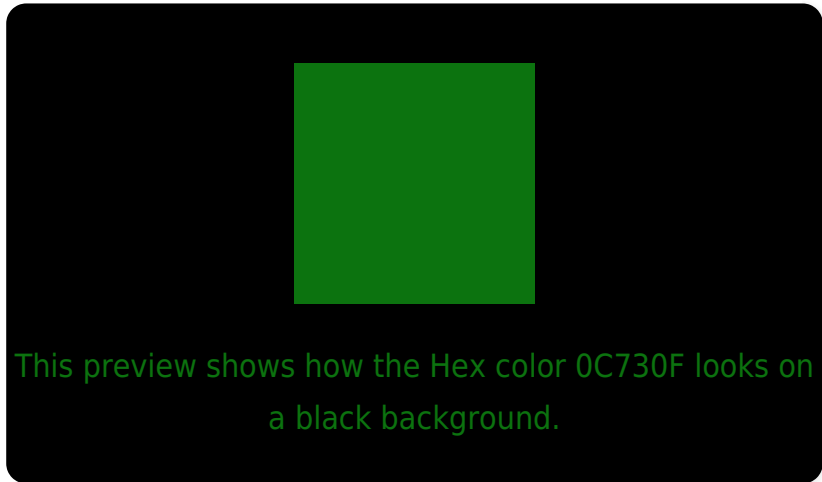
Large Text (above 18pt) WCAG AA ✓ Pass

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

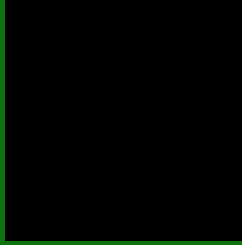
Any Text WCAG AA × Fail

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 0C730F Background



This preview shows how black text looks on a background with the Hex color 0C730F.



This preview shows how white text looks on a background with the Hex color 0C730F.

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
0C730F

Protanopia
6F6309

Deuteranopia
7B5D1C



Tritanopia
316B74

Trichromacy



Original Color
0C730F



Protanomaly
4B690B



Deuteranomaly
536517

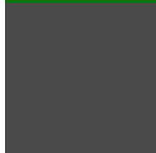


Tritanomaly
246E4F

Monochromacy



Original Color
0C730F



Achromatopsia
494949



Achromatomaly
335834

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C730F 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 #0C730F looks like.

```
.text, #text, p{  
    color:#0C730F  
}
```

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 #0C730F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C730F
}
```

Border

The CSS property to change the border of an element to Hex 0C730F is called "border". The border property can be set on classes, ids or directly on the HTML element.

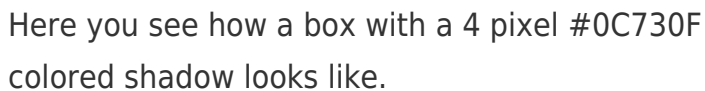
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C730F }
```

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

```
.border{ border-color:#0C730F }
```

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



Here you see how a box with a 4 pixel #0C730F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C730F; -webkit-box-shadow:4px 4px  
4px 4px #0C730F; box-shadow:4px 4px 4px  
4px #0C730F }
```

Background

The CSS property to change the background color of an element to Hex 0C730F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C730F }
```

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

```
.background{ background-color:#0C730F }
```

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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