

Converting Colors

Hex(76730F)

Have a look what the booklet for
Hex(76730F) contains.

Hex(76730F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(76730F)

Conversions

Conversions Part 1

Format	Color
Hex	76730F
RGB	118, 115, 15
RGB Percent	46%, 45%, 6%
CMY	0.5373, 0.5490, 0.9412
CMYK	0.00, 0.03, 0.87, 0.54
HSL	58°, 77%, 26%
HSV	58°, 87%, 46%
XYZ	13.6882, 16.1475, 2.8473
YIQ	104.4970, 33.8880, -30.4640

Conversions

Conversions Part 2

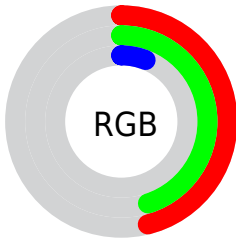
Format	Color
R_{YB}	18, 118, 15
Decimal	7762703
CIE _{Lab}	47.17, -10.19, 49.55
CIE _{LCh}	47, 50.583, 101.622
Yxy	16.1475, 0.4188, 0.4941
Android (android.graphics.Color)	4285952783 (0xFF76730F)
YUV	104.4970, -44.1220, 11.8421
Hunter-Lab	40.1840, -9.5181, 23.9277

Details

The Hex color **76730F** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0F1276**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **ADA746**, and **424300** is the 20% darker color. If you saturate the color by 10%, you get **767303**, and if you desaturate by 10%, it is **76731B**.

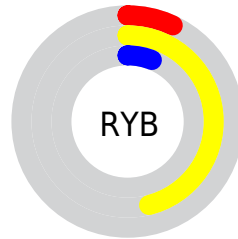
Distribution



Red (46%)

Green (45%)

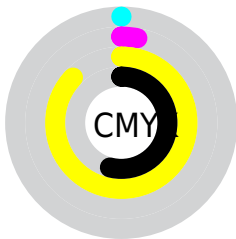
Blue (6%)



Red (7%)

Yellow (46%)

Blue (6%)

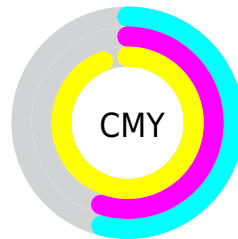


Cyan (0%)

Magenta (3%)

Yellow (87%)

Black (54%)



Cyan (54%)

Magenta (55%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76730F 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 76730F by changing the saturation by 10% instead.

 76730F

 76730F

FFFFFF

 5B5B00

 ADA746

 424300

 CAC260

 292D00

 E7DE7A

 0D1900

 FFFA95

 000000

 FFFFB0

 FFFFCC

 FFFFEE9

 76730F

 76730F

■ 767303

■ 76731B

■ 767300

■ 767427

■ 767432

■ 76743E

■ 76754A

■ 767556

■ 767562

■ 76766D

■ 767679

Harmonies

Analogous

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



9B6419



76730F



477D2B

Triad

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



76730F



0082A7



AF4C8C

Complementary

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



76730F



0F1276

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.



875DB0



76730F



007CC0

Square

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



76730F



008480



366FC4



BD4761

Rectangle

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



76730F



058145



366FC4



A55199

Sweetspot

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



76730F



999871



760F12



4D4C35



CCCCCC



4D4D4D

Same Dimension

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



76730F



999500



46760F



3B3A35



7A7700



FAF300

Inverse Universe

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



0F1276



000499



3F0F76



35353B



00047A



0007FA

Previews

White Background



This preview shows how the Hex color 76730F looks on a white background.

Color Contrast Check

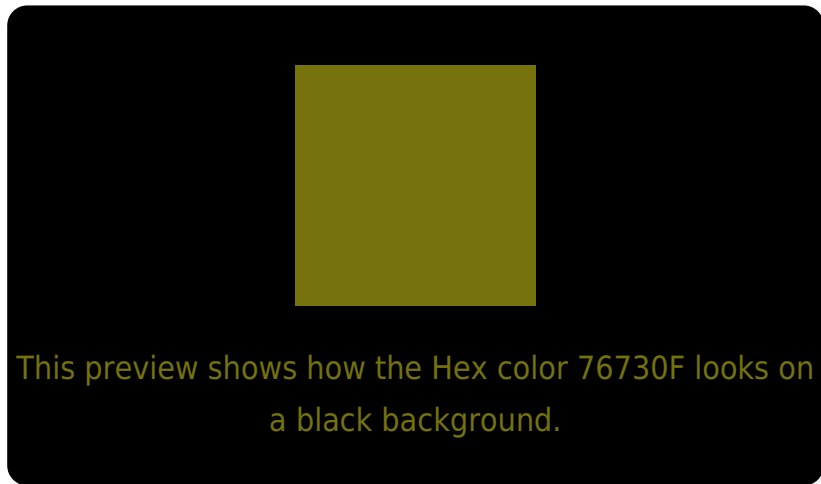
Large Text (above 18pt) WCAG AA ✓ Pass

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 76730F Background



This preview shows how black text looks on a background with the Hex color 76730F.



This preview shows how white text looks on a background with the Hex color 76730F.

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
76730F

Protanopia
7E700E

Deuteranopia
8D6A16



Tritanopia
7D6B73

Trichromacy



Original Color
76730F

Protanomaly
7B710E

Deuteranomaly
856D13

Tritanomaly
7A6E4F

Monochromacy



Original Color
76730F

Achromatopsia
686868

Achromatomaly
6D6C48

CSS Examples

Text

The CSS property to change the color of the text to Hex 76730F 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 #76730F looks like.

```
.text, #text, p{  
    color:#76730F  
}
```

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 #76730F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76730F
}
```

Border

The CSS property to change the border of an element to Hex 76730F 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
#76730F }
```

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

```
.border{ border-color:#76730F }
```

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

Here you see how a box with a 4 pixel #76730F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76730F; -webkit-box-shadow:4px 4px  
4px 4px #76730F; box-shadow:4px 4px 4px  
4px #76730F }
```

Background

The CSS property to change the background color of an element to Hex 76730F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76730F }
```

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

```
.background{ background-color:#76730F }
```

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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