

Converting Colors

Hex(61730C)

Have a look what the booklet for
Hex(61730C) contains.

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Color

Hex(61730C)

Conversions

Conversions Part 1

Format	Color
Hex	61730C
RGB	97, 115, 12
RGB Percent	38%, 45%, 5%
CMY	0.6196, 0.5490, 0.9529
CMYK	0.16, 0.00, 0.90, 0.55
HSL	70°, 81%, 25%
HSV	70°, 90%, 45%
XYZ	11.1269, 14.8294, 2.6237
YIQ	97.8760, 22.3350, -35.8490

Conversions

Conversions Part 2

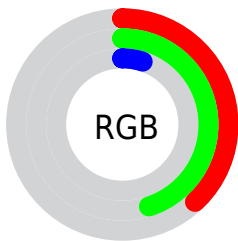
Format	Color
R_{YB}	12, 115, 30
Decimal	6386444
CIE Lab	45.40, -20.06, 48.09
CIE LCh	45, 52.109, 112.639
Yxy	14.8294, 0.3893, 0.5189
Android (android.graphics.Color)	4284576524 (0xFF61730C)
YUV	97.8760, -42.3369, -0.7683
Hunter-Lab	38.5090, -15.8145, 22.9167

Details

The Hex color **61730C** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1E0C73**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **97A744**, and **2F4300** is the 20% darker color. If you saturate the color by 10%, you get **5F7300**, and if you desaturate by 10%, it is **637317**.

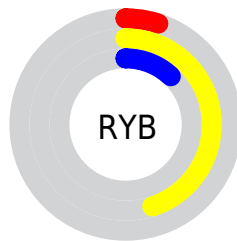
Distribution



Red (38%)

Green (45%)

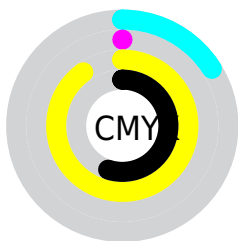
Blue (5%)



Red (5%)

Yellow (45%)

Blue (12%)

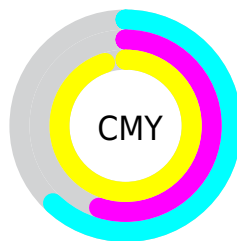


Cyan (16%)

Magenta (0%)

Yellow (90%)

Black (55%)



Cyan (62%)

Magenta (55%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61730C 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 61730C by changing the saturation by 10% instead.



61730C



61730C

FFFFFF



475A00



97A744



2F4300



B2C25E



152D00



CFDE78



001A00



ECFB93



000000



FFFFAE



FFFPCA



FFFPE7



61730C



61730C

■ 5F7300

■ 637317

■ 657323

■ 67732E

■ 69733A

■ 6B7345

■ 6D7351

■ 6F735D

■ 717368

■ 737374

Harmonies

Analogous

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



8A6604



61730C



257B33

Triad

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



61730C



007CB0



B44178

Complementary

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



61730C



1E0C73

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.



9551A1



61730C



0074C2

Square

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



61730C



00808C



5664BC



B9434D

Rectangle

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



61730C



007E50



5664BC



AD4587

Sweetspot

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



61730C



8F966E



731D0C



484D34



CCCCCC



4D4D4D

Same Dimension

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



61730C



7C9600



2E730C



3A3B35



657A00



CEFA00

Inverse Universe

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



1E0C73



1A0096



510C73



36353B



15007A



2C00FA

Previews

White Background



This preview shows how the Hex color 61730C looks on a white background.

Color Contrast Check

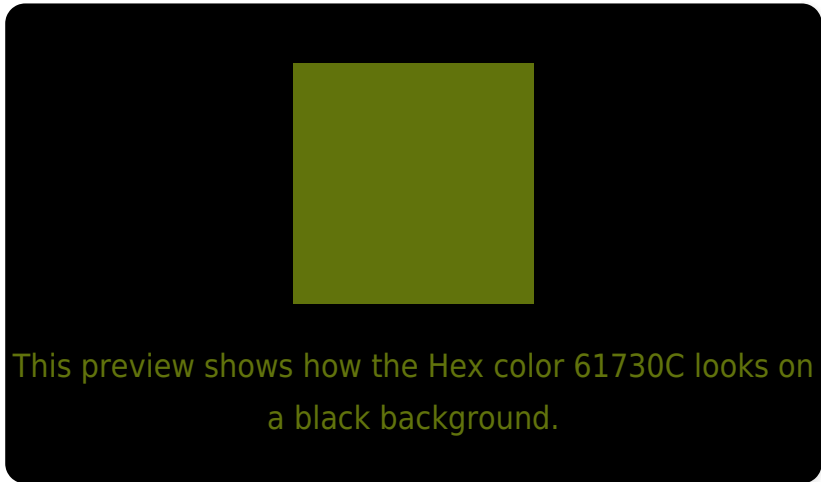
Large Text (above 18pt) WCAG AA ✓ Pass

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

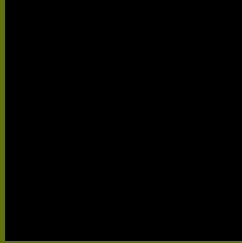
Any Text WCAG AA × Fail

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 61730C Background



This preview shows how black text looks on a background with the Hex color 61730C.



This preview shows how white text looks on a background with the Hex color 61730C.

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
61730C

Protanopia
796C09

Deuteranopia
876617



Tritanopia
6A6B73

Trichromacy



Original Color
61730C

Protanomaly
706F0A

Deuteranomaly
796B13

Tritanomaly
676E4E

Monochromacy



Original Color
61730C

Achromatopsia
626262

Achromatomaly
626843

CSS Examples

Text

The CSS property to change the color of the text to Hex 61730C 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 #61730C looks like.

```
.text, #text, p{  
    color:#61730C  
}
```

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 #61730C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61730C
}
```

Border

The CSS property to change the border of an element to Hex 61730C 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
#61730C }
```

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

```
.border{ border-color:#61730C }
```

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

Here you see how a box with a 4 pixel #61730C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61730C; -webkit-box-shadow:4px 4px  
4px 4px #61730C; box-shadow:4px 4px 4px  
4px #61730C }
```

Background

The CSS property to change the background color of an element to Hex 61730C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61730C }
```

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

```
.background{ background-color:#61730C }
```

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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