

Converting Colors

Hex(677730)

Have a look what the booklet for
Hex(677730) contains.

Hex(677730)	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(677730)

Conversions

Conversions Part 1

Format	Color
Hex	677730
RGB	103, 119, 48
RGB Percent	40%, 47%, 19%
CMY	0.5961, 0.5333, 0.8118
CMYK	0.13, 0.00, 0.60, 0.53
HSL	74°, 43%, 33%
HSV	74°, 60%, 47%
XYZ	12.7238, 16.2906, 5.2701
YIQ	106.1220, 13.2550, -25.4730

Conversions

Conversions Part 2

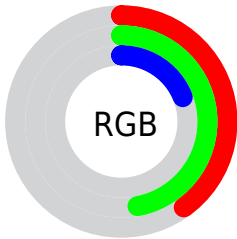
Format	Color
RYB	48, 119, 64
Decimal	6780720
CIELab	47.35, -17.30, 36.34
CIElCh	47, 40.250, 115.452
Yxy	16.2906, 0.3711, 0.4752
Android (android.graphics.Color)	4284970800 (0xFF677730)
YUV	106.1220, -28.6541, -2.7380
Hunter-Lab	40.3616, -14.3614, 20.5115

Details

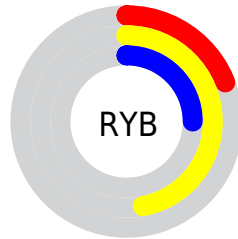
The Hex color **677730** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **403077**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **9CAB61**, and **354700** is the 20% darker color. If you saturate the color by 10%, you get **647724**, and if you desaturate by 10%, it is **6A773C**.

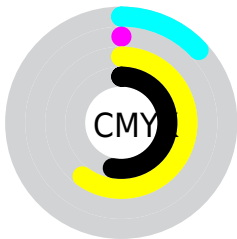
Distribution



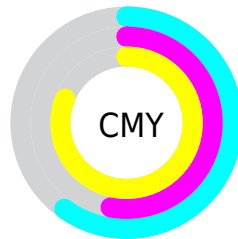
- Red (40%)
- Green (47%)
- Blue (19%)



- Red (19%)
- Yellow (47%)
- Blue (25%)



- Cyan (13%)
- Magenta (0%)
- Yellow (60%)
- Black (53%)



- Cyan (60%)
- Magenta (53%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 677730 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 677730 by changing the saturation by 10% instead.

 677730

 677730

FFFFFF

 4E5E18

 9CAB61

 354700

 B7C67A

 1E3000

 D3E395

 001C00

 F0FFB0

 000000

 FFFFCC

 FFFFEE

 677730

 677730

 647724

 6A773C

■ 627718

■ 6C7748

■ 5F770C

■ 6F7754

■ 5C7700

■ 727760

■ 74776B

■ 777777

■ 7A7783

■ 7C778F

■ 7F779B

Harmonies

Analogous

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



886D2A



677730



3D7E48

Triad

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



677730



007DA7



AC5377

Complementary

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



677730



403077

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.



955C97



677730



1676B4

Square

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



677730



00818C



6A69AE



AF5555

Rectangle

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



677730



00805E



6A69AE



A65582

Sweetspot

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



677730



959C80



773F30



4B4F3E



CFCFCF



4F4F4F

Same Dimension

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



677730



829C2C



447730



393B35



5F7A00



C2FA00

Inverse Universe

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



403077



452C9C



633077



36353B



1C007A



3800FA

Previews

White Background



This preview shows how the Hex color 677730 looks on a white background.

Color Contrast Check

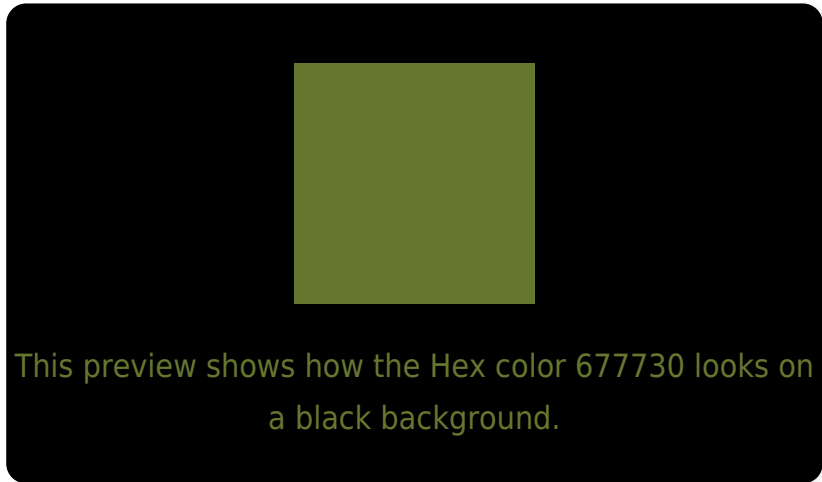
Large Text (above 18pt) WCAG AA ✓ Pass

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

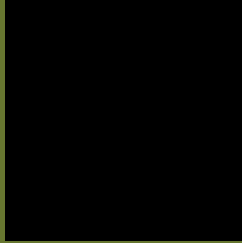
Any Text WCAG AA × Fail

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 677730 Background



This preview shows how black text looks on a background with the Hex color 677730.



This preview shows how white text looks on a background with the Hex color 677730.

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
677730

Protanopia
7D702E

Deuteranopia
8B6B34



Tritanopia
6F7078

Trichromacy



Original Color
677730

Protanomaly
75732F

Deuteranomaly
7E6F33

Tritanomaly
6C735E

Monochromacy



Original Color
677730

Achromatopsia
6A6A6A

Achromatomaly
696F55

CSS Examples

Text

The CSS property to change the color of the text to Hex 677730 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 #677730 looks like.

```
.text, #text, p{  
    color:#677730  
}
```

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 #677730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #677730
}
```

Border

The CSS property to change the border of an element to Hex 677730 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
#677730 }
```

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

```
.border{ border-color:#677730 }
```

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

Here you see how a box with a 4 pixel #677730 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #677730; -webkit-box-shadow:4px 4px  
4px 4px #677730; box-shadow:4px 4px 4px  
4px #677730 }
```

Background

The CSS property to change the background color of an element to Hex 677730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#677730 }
```

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

```
.background{ background-color:#677730 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor