

# Converting Colors

Hex(6F7730)

Have a look what the booklet for  
Hex(6F7730) contains.

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# Color

**Hex(6F7730)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 6F7730                      |
| RGB         | 111, 119, 48                |
| RGB Percent | 44%, 47%, 19%               |
| CMY         | 0.5647, 0.5333, 0.8118      |
| CMYK        | 0.07, 0.00, 0.60, 0.53      |
| HSL         | 67°, 43%, 33%               |
| HSV         | 67°, 60%, 47%               |
| XYZ         | 13.6859, 16.7866, 5.3151    |
| YIQ         | 108.5140, 18.0230, -23.7770 |

# Conversions

## Conversions Part 2

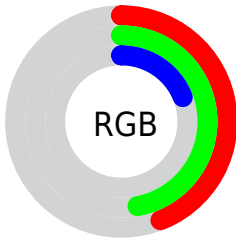
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 48, 119, 56                   |
| Decimal                             | 7305008                       |
| CIELab                              | 47.99, -13.75, 37.23          |
| CIELCh                              | 48, 39.692, 110.269           |
| Yxy                                 | 16.7866, 0.3824,<br>0.4691    |
| Android<br>(android.graphics.Color) | 4285495088<br>(0xFF6F7730)    |
| YUV                                 | 108.5140, -29.8334,<br>2.1802 |
| Hunter-Lab                          | 40.9714, -12.0748,<br>20.9884 |

# Details

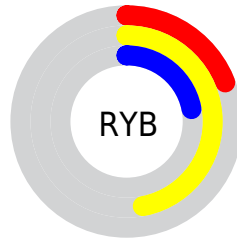
The Hex color **6F7730** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **383077**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **A4AB61**, and **3D4700** is the 20% darker color. If you saturate the color by 10%, you get **6E7724**, and if you desaturate by 10%, it is **70773C**.

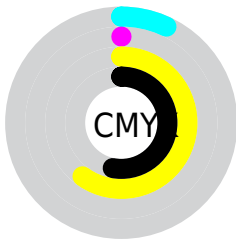
# Distribution



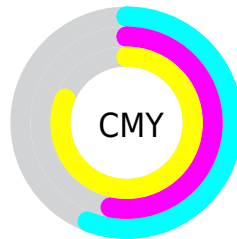
- Red (44%)
- Green (47%)
- Blue (19%)



- Red (19%)
- Yellow (47%)
- Blue (22%)



- Cyan (7%)
- Magenta (0%)
- Yellow (60%)
- Black (53%)



- Cyan (56%)
- Magenta (53%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F7730 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 6F7730 by changing the saturation by 10% instead.





6F7730



6F7730

FFFFFF



555E18



A4AB61



3D4700



C0C67B



263000



DCE295



091C00



F9FFB0



000000



FFFFCC



FFFFE8



6F7730



6F7730



6E7724



70773C

■ 6C7718

■ 727748

■ 6B770C

■ 737754

■ 6A7700

■ 747760

■ 76776B

■ 777777

■ 787783

■ 7A778F

■ 7B779B

# Harmonies

## Analogous

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



8F6C2E



6F7730



487E45

# Triad

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



6F7730



0080A5



AA567E

# Complementary

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



6F7730



383077

# 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.



90609D



6F7730



0079B4

# Square

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



6F7730



008388



626DB1



B0565D

# Rectangle

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



6F7730



20815A



626DB1



A45989



# Sweetspot

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



6F7730



989C80



773730



4D4F3E



CFCFCF



4F4F4F



# Same Dimension

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



6F7730



8F9C2C



4C7730



3A3B35



6D7A00



DEFA00



# Inverse Universe

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



383077



382C9C



5B3077



35353B



0E007A



1C00FA



# Previews

## White Background



This preview shows how the Hex color 6F7730 looks on a white background.

## Color Contrast Check

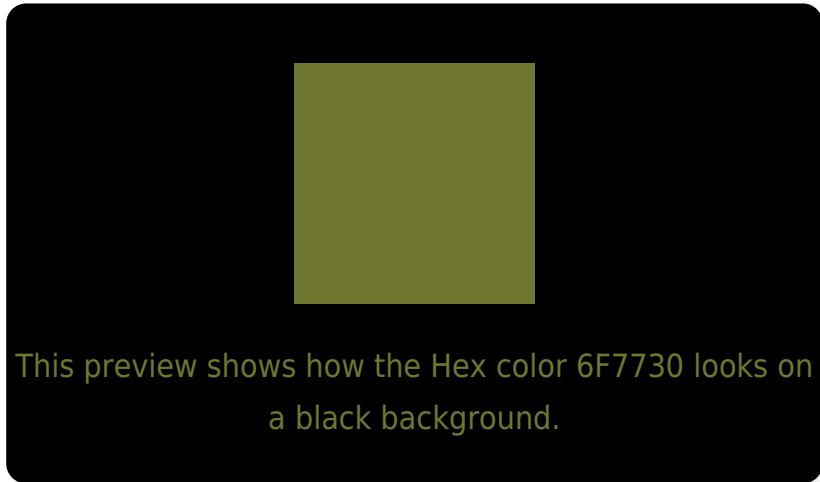
Large Text (above 18pt) WCAG AA ✓ Pass

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

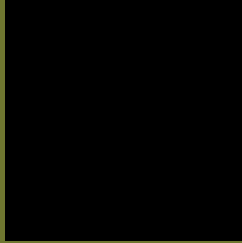
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6F7730 Background



This preview shows how black text looks on a background with the Hex color 6F7730.



This preview shows how white text looks on a background with the Hex color 6F7730.

# 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**  
6F7730

**Protanopia**  
7F722F

**Deuteranopia**  
8D6C33



**Tritanopia**  
777078

# Trichromacy



**Original Color**  
6F7730

**Protanomaly**  
79742F

**Deuteranomaly**  
827032

**Tritanomaly**  
74735E

# Monochromacy



**Original Color**  
6F7730

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
6E7157

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F7730 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 #6F7730 looks like.

```
.text, #text, p{  
    color:#6F7730  
}
```

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 #6F7730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F7730
}
```

## Border

The CSS property to change the border of an element to Hex 6F7730 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
#6F7730 }
```

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

```
.border{ border-color:#6F7730 }
```

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

Here you see how a box with a 4 pixel #6F7730 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F7730; -webkit-box-shadow:4px 4px  
4px 4px #6F7730; box-shadow:4px 4px 4px  
4px #6F7730 }
```

# Background

The CSS property to change the background color of an element to Hex 6F7730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F7730 }
```

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

```
.background{ background-color:#6F7730 }
```

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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