

Converting Colors

Hex(6F4730)

Have a look what the booklet for
Hex(6F4730) contains.

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Color

Hex(6F4730)

Conversions

Conversions Part 1

Format	Color
Hex	6F4730
RGB	111, 71, 48
RGB Percent	44%, 28%, 19%
CMY	0.5647, 0.7216, 0.8118
CMYK	0.00, 0.36, 0.57, 0.56
HSL	22°, 40%, 31%
HSV	22°, 57%, 44%
XYZ	9.3423, 8.0994, 3.8673
YIQ	80.3380, 31.2230, 1.3270

Conversions

Conversions Part 2

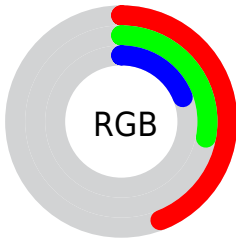
Format	Color
R_{YB}	111, 84, 48
Decimal	7292720
CIE _{Lab}	34.19, 14.42, 20.79
CIE _{LCh}	34, 25.301, 55.259
Yxy	8.0994, 0.4384, 0.3801
Android (android.graphics.Color)	4285482800 (0xFF6F4730)
YUV	80.3380, -15.9426, 26.8906
Hunter-Lab	28.4594, 8.7917, 11.8649

Details

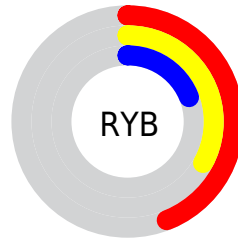
The Hex color **6F4730** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **30586F**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **A5785E**, and **3D1B01** is the 20% darker color. If you saturate the color by 10%, you get **6F4025**, and if you desaturate by 10%, it is **6F4E3B**.

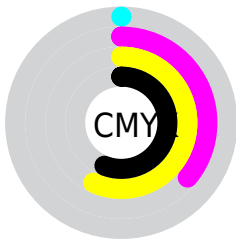
Distribution



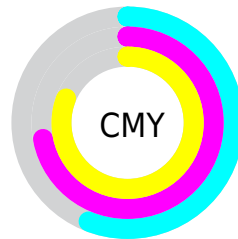
- Red (44%)
- Green (28%)
- Blue (19%)



- Red (44%)
- Yellow (33%)
- Blue (19%)



- Cyan (0%)
- Magenta (36%)
- Yellow (57%)
- Black (56%)



- Cyan (56%)
- Magenta (72%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F4730 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 6F4730 by changing the saturation by 10% instead.

 6F4730

 6F4730

FFFFFF

 55301B

 A5785E

 3D1B01

 C19177

 250300

 DDAC91

 000000

 FBC7AC

 FFE3C7

 FFFF E3

 6F4730

 6F4730

 6F4025

 6F4E3B

■ 6F391A

■ 6F5546

■ 6F320F

■ 6F5C51

■ 6F2B04

■ 6F635C

■ 6F2900

■ 6F6A68

■ 6F7173

■ 6F787E

■ 6F7F89

■ 6F8694

Harmonies

Analogous

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



774140



6F4730



604E28

Triad

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



6F4730



135B4C



4E4C75

Complementary

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



6F4730



30586F

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.



2A5378



6F4730



005B61

Square

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



6F4730



345939



005871



664568

Rectangle

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



6F4730



535229



005871



434F77

Sweetspot

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



6F4730



918279



6F3059



4A413B



C9C9C9



4A4A4A

Same Dimension

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



6F4730



91532F



6F6630



383532



782C00



F75A00

Inverse Universe

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



30586F



2F6D91



30396F



323638



004C78



009DF7

Previews

White Background



This preview shows how the Hex color 6F4730 looks on a white background.

Color Contrast Check

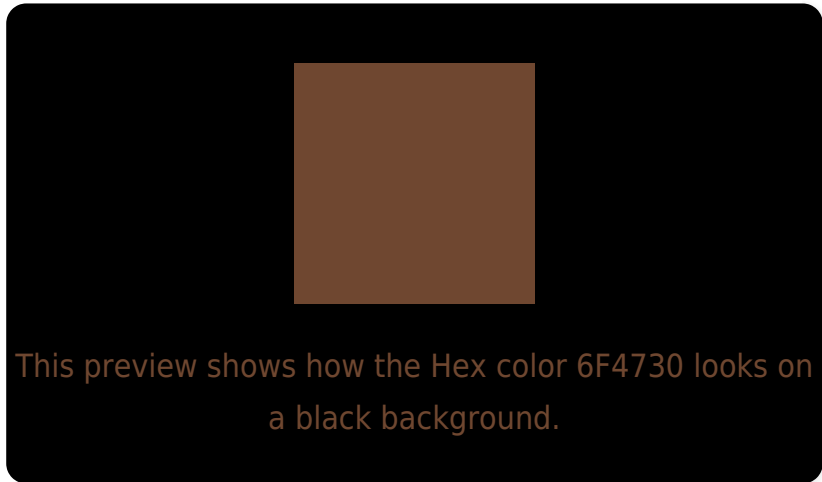
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

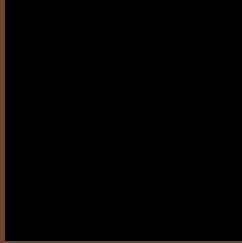
Any Text WCAG AA × Fail

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 6F4730 Background



This preview shows how black text looks on a background with the Hex color 6F4730.



This preview shows how white text looks on a background with the Hex color 6F4730.

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
6F4730

Protanopia
585134

Deuteranopia
624D2F



Tritanopia
714449

Trichromacy



Original Color
6F4730

Protanomaly
604D33

Deuteranomaly
674B2F

Tritanomaly
704540

Monochromacy



Original Color
6F4730

Achromatopsia
505050

Achromatomaly
5B4D44

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F4730 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 #6F4730 looks like.

```
.text, #text, p{  
    color:#6F4730  
}
```

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 #6F4730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F4730
}
```

Border

The CSS property to change the border of an element to Hex 6F4730 is called "border". The border property can be set on classes, ids or directly on the HTML element.

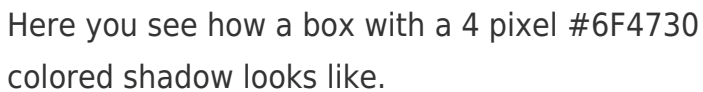
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F4730 }
```

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

```
.border{ border-color:#6F4730 }
```

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



Here you see how a box with a 4 pixel #6F4730 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F4730; -webkit-box-shadow:4px 4px  
4px 4px #6F4730; box-shadow:4px 4px 4px  
4px #6F4730 }
```

Background

The CSS property to change the background color of an element to Hex 6F4730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F4730 }
```

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

```
.background{ background-color:#6F4730 }
```

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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