

Converting Colors

Hex(6F4833)

Have a look what the booklet for
Hex(6F4833) contains.

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Color

Hex(6F4833)

Conversions

Conversions Part 1

Format	Color
Hex	6F4833
RGB	111, 72, 51
RGB Percent	44%, 28%, 20%
CMY	0.5647, 0.7176, 0.8000
CMYK	0.00, 0.35, 0.54, 0.56
HSL	21°, 37%, 32%
HSV	21°, 54%, 44%
XYZ	9.4705, 8.2533, 4.2259
YIQ	81.2670, 29.9850, 1.7370

Conversions

Conversions Part 2

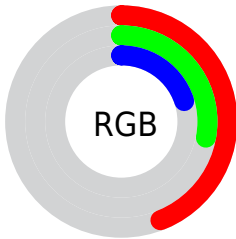
Format	Color
RYB	111, 83, 51
Decimal	7292979
CIELab	34.50, 14.11, 19.36
CIElCh	35, 23.957, 53.924
Yxy	8.2533, 0.4315, 0.3760
Android (android.graphics.Color)	4285483059 (0xFF6F4833)
YUV	81.2670, -14.9216, 26.0758
Hunter-Lab	28.7285, 8.5684, 11.3886

Details

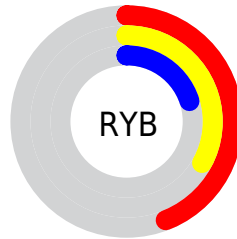
The Hex color **6F4833** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **335A6F**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **A57962**, and **3D1C06** is the 20% darker color. If you saturate the color by 10%, you get **6F4128**, and if you desaturate by 10%, it is **6F4F3E**.

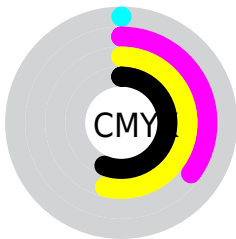
Distribution



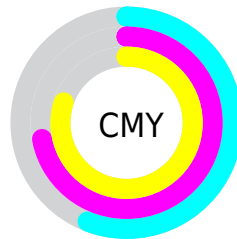
- Red (44%)
- Green (28%)
- Blue (20%)



- Red (44%)
- Yellow (33%)
- Blue (20%)



- Cyan (0%)
- Magenta (35%)
- Yellow (54%)
- Black (56%)



- Cyan (56%)
- Magenta (72%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F4833 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 6F4833 by changing the saturation by 10% instead.

 6F4833

 6F4833

FFFFFF

 55311E

 A57962

 3D1C06

 C1937B

 250500

 DDAD95

 000000

 FAC9AF

 FFE5CB

 FFFFE7

 6F4833

 6F4833

 6F4128

 6F4F3E

■ 6F3A1D

■ 6F5649

■ 6F3212

■ 6F5E54

■ 6F2B07

■ 6F655F

■ 6F2700

■ 6F6C6B

■ 6F7376

■ 6F7B81

■ 6F828C

■ 6F8997

Harmonies

Analogous

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



764343



6F4833



614F2B

Triad

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



6F4833



1C5B4C



4D4E74

Complementary

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



6F4833



335A6F

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.



2D5477



6F4833



005B60

Square

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



6F4833



38593A



00596F



654768

Rectangle

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



6F4833



55532B



00596F



435076

Sweetspot

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



6F4833



91827A



6F335A



4A413C



C9C9C9



4A4A4A

Same Dimension

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



6F4833



915433



6F6633



383432



782A00



F75700

Inverse Universe

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



335A6F



337091



333C6F



323638



004E78



00A1F7

Previews

White Background



This preview shows how the Hex color 6F4833 looks on a white background.

Color Contrast Check

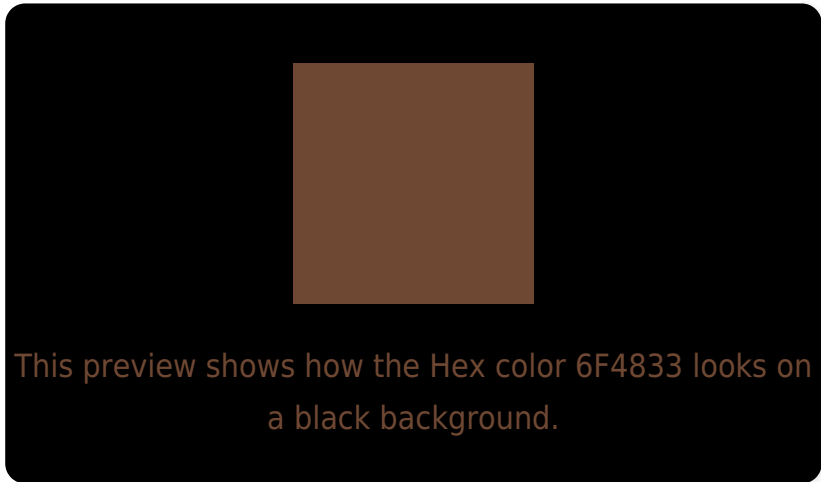
Large Text (above 18pt) WCAG AA ✓ Pass

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

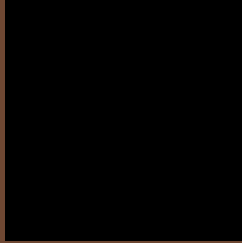
Any Text WCAG AA × Fail

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 6F4833 Background



This preview shows how black text looks on a background with the Hex color 6F4833.

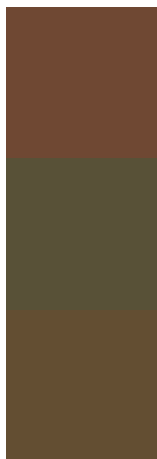


This preview shows how white text looks on a background with the Hex color 6F4833.

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
6F4833

Protanopia
585137

Deuteranopia
634E32



Tritanopia
71454A

Trichromacy



Original Color
6F4833

Protanomaly
604E36

Deuteranomaly
674C32

Tritanomaly
704642

Monochromacy



Original Color
6F4833

Achromatopsia
515151

Achromatomaly
5C4E46

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F4833 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 #6F4833 looks like.

```
.text, #text, p{  
    color:#6F4833  
}
```

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 #6F4833 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F4833
}
```

Border

The CSS property to change the border of an element to Hex 6F4833 is called "border". The border property can be set on classes, ids or directly on the HTML element.

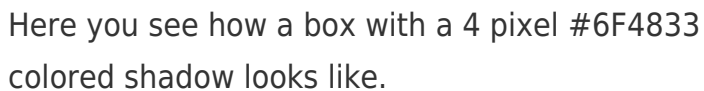
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F4833 }
```

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

```
.border{ border-color:#6F4833 }
```

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



Here you see how a box with a 4 pixel #6F4833 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F4833; -webkit-box-shadow:4px 4px  
4px 4px #6F4833; box-shadow:4px 4px 4px  
4px #6F4833 }
```

Background

The CSS property to change the background color of an element to Hex 6F4833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F4833 }
```

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

```
.background{ background-color:#6F4833 }
```

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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