

# Converting Colors

Hex(6F4A04)

Have a look what the booklet for  
Hex(6F4A04) contains.

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**Color**

**Hex(6F4A04)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F4A04
RGB	111, 74, 4
RGB Percent	44%, 29%, 2%
CMY	0.5647, 0.7098, 0.9843
CMYK	0.00, 0.33, 0.96, 0.56
HSL	39°, 93%, 23%
HSV	39°, 96%, 44%
XYZ	9.0262, 8.2858, 1.2385
YIQ	77.0830, 44.5220, -13.9260

# Conversions

## Conversions Part 2

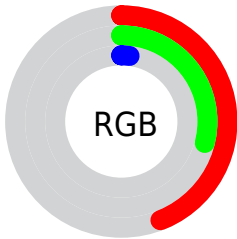
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 111, 4
Decimal	7293444
CIELab	34.57, 10.14, 42.21
CIELCh	35, 43.414, 76.495
Yxy	8.2858, 0.4866, 0.4467
Android (android.graphics.Color)	4285483524 (0xFF6F4A04)
YUV	77.0830, -36.0299, 29.7452
Hunter-Lab	28.7851, 5.5988, 17.5987

# Details

The Hex color **6F4A04** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **04296F**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **A77B38**, and **3A1E00** is the 20% darker color. If you saturate the color by 10%, you get **6F4900**, and if you desaturate by 10%, it is **6F4E0F**.

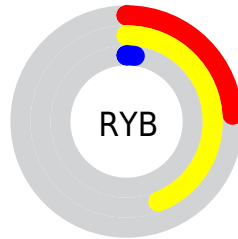
# Distribution



Red (44%)

Green (29%)

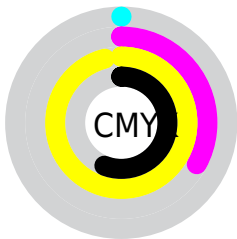
Blue (2%)



Red (24%)

Yellow (44%)

Blue (2%)

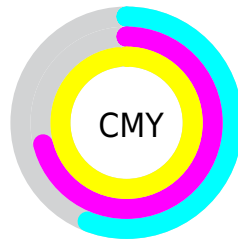


Cyan (0%)

Magenta (33%)

Yellow (96%)

Black (56%)



Cyan (56%)

Magenta (71%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F4A04 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 6F4A04 by changing the saturation by 10% instead.



 6F4A04

 6F4A04

 FFFFF2

 553300

 A77B38

 3A1E00

 C39450

 220800

 E1AF6A

 000000

 FFCA83

 FFE69E

 FFFFB9

 FFFFDD

 6F4A04

 6F4A04

■ 6F4900

■ 6F4E0F

■ 6F521A

■ 6F5625

■ 6F5930

■ 6F5D3B

■ 6F6147

■ 6F6552

■ 6F695D

■ 6F6D68

# Harmonies

## Analogous

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



853B20



6F4A04



505501

# Triad

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



6F4A04



006164



6B3F81

# Complementary

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



6F4A04



04296F

# 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.



2F4F94



6F4A04



006083

# Square

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



6F4A04



006040



005A95



873162

# Rectangle

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



6F4A04



375B13



005A95



5C4589



# Sweetspot

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



6F4A04



918367



6F0429



4A4130



C9C9C9



4A4A4A



# Same Dimension

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



6F4A04



915F00



5F6F04



383632



784E00



F7A200



# Inverse Universe

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



04296F



003291



14046F



323438



002978

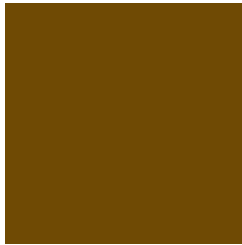


0056F7



# Previews

## White Background



This preview shows how the Hex color 6F4A04 looks on a white background.

## Color Contrast Check

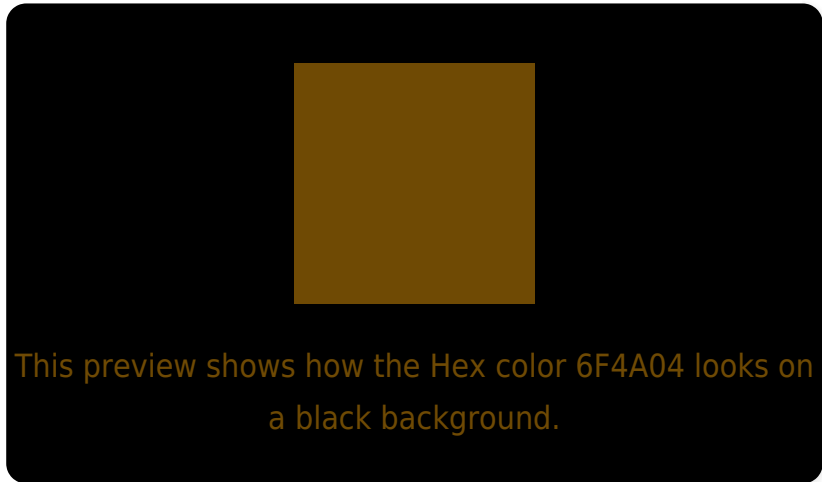
Large Text (above 18pt) WCAG AA ✓ Pass

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 6F4A04 Background



This preview shows how black text looks on a background with the Hex color 6F4A04.



This preview shows how white text looks on a background with the Hex color 6F4A04.

# 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**  
6F4A04

**Protanopia**  
5C5208

**Deuteranopia**  
674E00



**Tritanopia**  
72454A

# Trichromacy



**Original Color**  
6F4A04

**Protanomaly**  
634F07

**Deuteranomaly**  
6A4D01

**Tritanomaly**  
714731

# Monochromacy



**Original Color**  
6F4A04

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
594C32

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F4A04 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 #6F4A04 looks like.

```
.text, #text, p{  
    color:#6F4A04  
}
```

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 #6F4A04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F4A04
}
```

## Border

The CSS property to change the border of an element to Hex 6F4A04 is called "border". The border property can be set on classes, ids or directly on the HTML element.

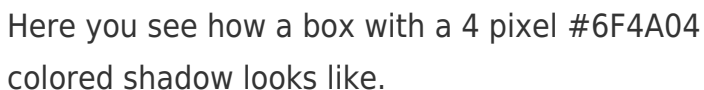
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F4A04 }
```

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

```
.border{ border-color:#6F4A04 }
```

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



Here you see how a box with a 4 pixel #6F4A04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F4A04; -webkit-box-shadow:4px 4px  
4px 4px #6F4A04; box-shadow:4px 4px 4px  
4px #6F4A04 }
```

# Background

The CSS property to change the background color of an element to Hex 6F4A04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F4A04 }
```

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

```
.background{ background-color:#6F4A04 }
```

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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