

# Converting Colors

Hex(6F4D00)

Have a look what the booklet for  
Hex(6F4D00) contains.

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**Color**

**Hex(6F4D00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F4D00
RGB	111, 77, 0
RGB Percent	44%, 30%, 0%
CMY	0.5647, 0.6980, 1.0000
CMYK	0.00, 0.31, 1.00, 0.56
HSL	42°, 100%, 22%
HSV	42°, 100%, 44%
XYZ	9.2094, 8.6873, 1.1914
YIQ	78.3880, 44.9810, -16.7390

# Conversions

## Conversions Part 2

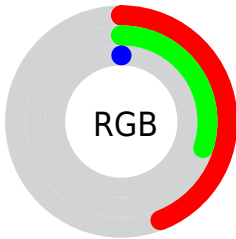
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">49, 111, 0</a>
Decimal	<a href="#">7294208</a>
CIELab	<a href="#">35.38, 8.21, 44.18</a>
CIElCh	<a href="#">35, 44.932, 79.476</a>
Yxy	<a href="#">8.6873, 0.4825, 0.4551</a>
Android (android.graphics.Color)	<a href="#">4285484288 (0xFF6F4D00)</a>
YUV	<a href="#">78.3880, -38.6453, 28.6007</a>
Hunter-Lab	<a href="#">29.4742, 4.1939, 18.2353</a>

# Details

The Hex color **6F4D00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **00226F**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **A77E36**, and **3A2100** is the 20% darker color. If you saturate the color by 10%, you get **6F4D00**, and if you desaturate by 10%, it is **6F500B**.

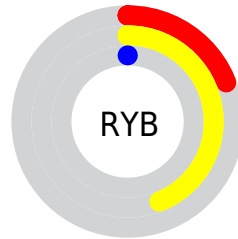
# Distribution



Red (44%)

Green (30%)

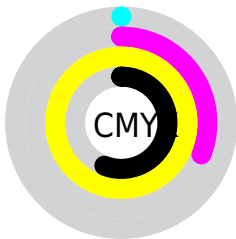
Blue (0%)



Red (19%)

Yellow (44%)

Blue (0%)

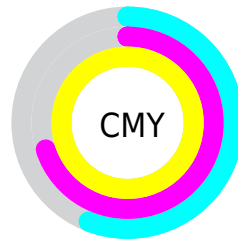


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (56%)



Cyan (56%)

Magenta (70%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F4D00 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 6F4D00 by changing the saturation by 10% instead.



 6F4D00

 6F4D00

 FFFFF0

 553600

 A77E36

 3A2100

 C3984E

 220C00

 E1B268

 000000

 FFCE82

 FFEA9C

 FFFF80

 FFFF80

 6F4D00

 6F500B

 6F5416

 6F5721

 6F5B2C

 6F5E38

 6F6143

 6F654E

 6F6859

 6F6C64

# Harmonies

## Analogous

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



873E1D



6F4D00



4E5801

# Triad

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



6F4D00



00646A



723F82

# Complementary

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



6F4D00



00226F

# 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.



384F97



6F4D00



006289

# Square

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



6F4D00



006345



005B9A



8D3061

# Rectangle

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



6F4D00



335E16



005B9A



63448B



# Sweetspot

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



6F4D00



918466



6F0023



4A422F



C9C9C9



4A4A4A



# Same Dimension

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



6F4D00



916500



5B6F00



383632



785300



F7AC00



# Inverse Universe

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



00226F



002D91



14006F



323438



002578

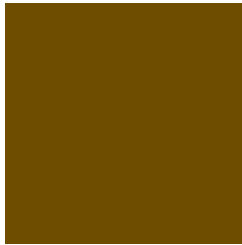


004CF7



# Previews

## White Background



This preview shows how the Hex color 6F4D00 looks on a white background.

## Color Contrast Check

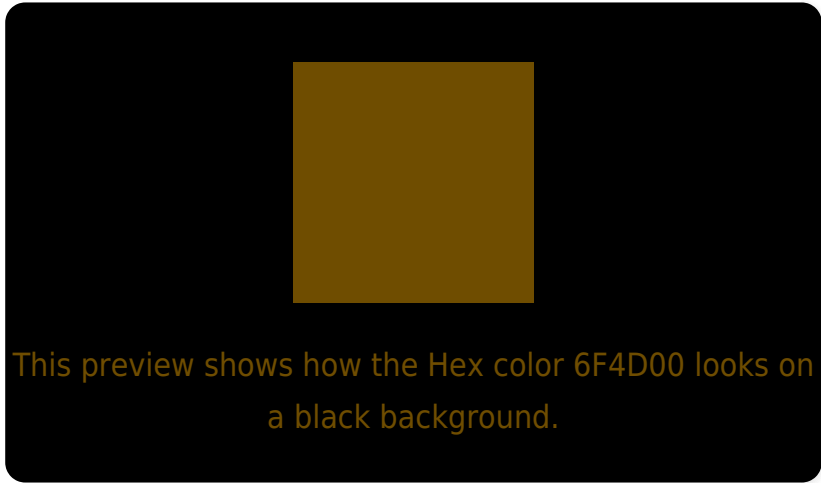
Large Text (above 18pt) WCAG AA ✓ Pass

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 6F4D00 Background



This preview shows how black text looks on a background with the Hex color 6F4D00.



This preview shows how white text looks on a background with the Hex color 6F4D00.

# 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**  
6F4D00

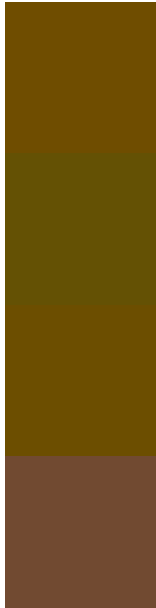
**Protanopia**  
5E5407

**Deuteranopia**  
6A4F00



**Tritanopia**  
72484D

# Trichromacy



**Original Color**  
6F4D00

**Protanomaly**  
645104

**Deuteranomaly**  
6C4E00

**Tritanomaly**  
714A31

# Monochromacy



**Original Color**  
6F4D00

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
5A4E32

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F4D00 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 #6F4D00 looks like.

```
.text, #text, p{  
    color:#6F4D00  
}
```

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 #6F4D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F4D00
}
```

## Border

The CSS property to change the border of an element to Hex 6F4D00 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
#6F4D00 }
```

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

```
.border{ border-color:#6F4D00 }
```

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

Here you see how a box with a 4 pixel #6F4D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F4D00; -webkit-box-shadow:4px 4px  
4px 4px #6F4D00; box-shadow:4px 4px 4px  
4px #6F4D00 }
```

# Background

The CSS property to change the background color of an element to Hex 6F4D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F4D00 }
```

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

```
.background{ background-color:#6F4D00 }
```

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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