

# Converting Colors

Hex(6F4F00)

Have a look what the booklet for  
Hex(6F4F00) contains.

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# Color

**Hex(6F4F00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F4F00
RGB	111, 79, 0
RGB Percent	44%, 31%, 0%
CMY	0.5647, 0.6902, 1.0000
CMYK	0.00, 0.29, 1.00, 0.56
HSL	43°, 100%, 22%
HSV	43°, 100%, 44%
XYZ	9.3515, 8.9715, 1.2388
YIQ	79.5620, 44.4310, -17.7850

# Conversions

## Conversions Part 2

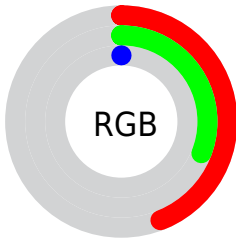
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 111, 0
Decimal	7294720
CIELab	35.93, 6.99, 44.55
CIElCh	36, 45.096, 81.080
Yxy	8.9715, 0.4781, 0.4586
Android (android.graphics.Color)	4285484800 (0xFF6F4F00)
YUV	79.5620, -39.2241, 27.5711
Hunter-Lab	29.9524, 3.3133, 18.5145

# Details

The Hex color **6F4F00** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **00206F**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **A78036**, and **3A2300** is the 20% darker color. If you saturate the color by 10%, you get **6F4F00**, and if you desaturate by 10%, it is **6F520B**.

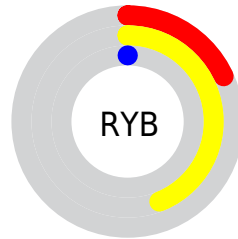
# Distribution



Red (44%)

Green (31%)

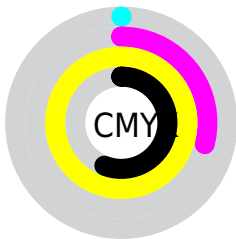
Blue (0%)



Red (18%)

Yellow (44%)

Blue (0%)

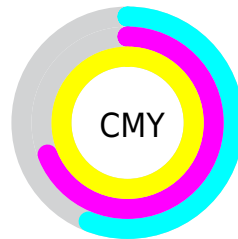


Cyan (0%)

Magenta (29%)

Yellow (100%)

Black (56%)



Cyan (56%)

Magenta (69%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F4F00 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 6F4F00 by changing the saturation by 10% instead.



 6F4F00

 6F4F00

 FFFFFF1

 553800

 A78036

 3A2300

 C39A4F

 220F00

 E1B468

 000000

 FED082

 FFEC9D

 FFFF88

 FFFF44

 6F4F00

 6F520B

 6F5516

 6F5921

 6F5C2C

 6F5F38

 6F6243

 6F654E

 6F6959

 6F6C64

# Harmonies

## Analogous

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



88401C



6F4F00



4E5A03

# Triad

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



6F4F00



00656D



753F82

# Complementary

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



6F4F00



00206F

# 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.



3E5098



6F4F00



00638C

# Square

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



6F4F00



006548



005C9C



903161

# Rectangle

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



6F4F00



315F19



005C9C



67458B



# Sweetspot

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



6F4F00



918566



6F0021



4A422F



C9C9C9



4A4A4A



# Same Dimension

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



6F4F00



916700



596F00



383632



785500



F7B000



# Inverse Universe

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



00206F



002A91



16006F



323438



002378

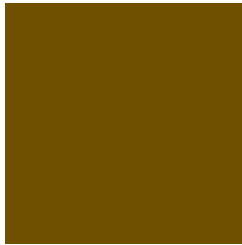


0047F7



# Previews

## White Background



This preview shows how the Hex color 6F4F00 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 6F4F00 Background



This preview shows how black text looks on a background with the Hex color 6F4F00.



This preview shows how white text looks on a background with the Hex color 6F4F00.

# 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**  
6F4F00

**Protanopia**  
605507

**Deuteranopia**  
6C5100



**Tritanopia**  
73494F

# Trichromacy



**Original Color**  
6F4F00

**Protanomaly**  
655304

**Deuteranomaly**  
6D5000

**Tritanomaly**  
724B32

# Monochromacy



**Original Color**  
6F4F00

**Achromatopsia**  
505050

**Achromatomaly**  
5B5033

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F4F00 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 #6F4F00 looks like.

```
.text, #text, p{  
    color:#6F4F00  
}
```

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 #6F4F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F4F00
}
```

## Border

The CSS property to change the border of an element to Hex 6F4F00 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
#6F4F00 }
```

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

```
.border{ border-color:#6F4F00 }
```

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

Here you see how a box with a 4 pixel #6F4F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F4F00; -webkit-box-shadow:4px 4px  
4px 4px #6F4F00; box-shadow:4px 4px 4px  
4px #6F4F00 }
```

# Background

The CSS property to change the background color of an element to Hex 6F4F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F4F00 }
```

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

```
.background{ background-color:#6F4F00 }
```

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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