

# Converting Colors

Hex(6F4F11)

Have a look what the booklet for  
Hex(6F4F11) contains.

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**Color**

**Hex(6F4F11)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F4F11
RGB	111, 79, 17
RGB Percent	44%, 31%, 7%
CMY	0.5647, 0.6902, 0.9333
CMYK	0.00, 0.29, 0.85, 0.56
HSL	40°, 73%, 25%
HSV	40°, 85%, 44%
XYZ	9.4527, 9.0119, 1.7716
YIQ	81.5000, 38.9740, -12.4980

# Conversions

## Conversions Part 2

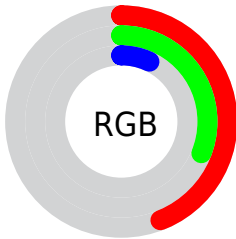
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 111, 17
Decimal	7294737
CIELab	36.01, 7.49, 38.99
CIELCh	36, 39.701, 79.131
Yxy	9.0119, 0.4671, 0.4453
Android (android.graphics.Color)	4285484817 (0xFF6F4F11)
YUV	81.5000, -31.7985, 25.8715
Hunter-Lab	30.0199, 3.6715, 17.5150

# Details

The Hex color **6F4F11** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11316F**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **A68041**, and **3B2300** is the 20% darker color. If you saturate the color by 10%, you get **6F4B06**, and if you desaturate by 10%, it is **6F531C**.

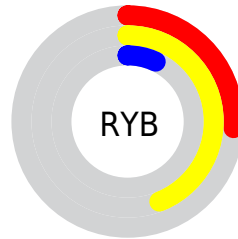
# Distribution



Red (44%)

Green (31%)

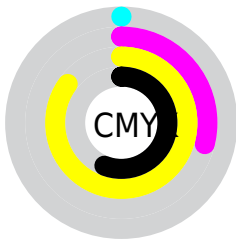
Blue (7%)



Red (26%)

Yellow (44%)

Blue (7%)

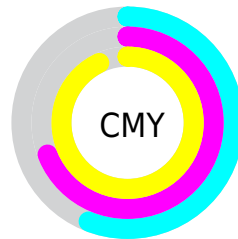


Cyan (0%)

Magenta (29%)

Yellow (85%)

Black (56%)



Cyan (56%)

Magenta (69%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F4F11 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 6F4F11 by changing the saturation by 10% instead.





6F4F11



6F4F11

FFFFFFD



553800



A68041



3B2300



C39A5A



220E00



E0B573



000000



FDD08D



FFECA8



FFFFC4



FFFFE0



6F4F11



6F4F11

■ 6F4B06

■ 6F531C

■ 6F4900

■ 6F5727

■ 6F5A32

■ 6F5E3D

■ 6F6249

■ 6F6654

■ 6F695F

■ 6F6D6A

■ 6F7175

# Harmonies

## Analogous

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



854225



6F4F11



525912

# Triad

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



6F4F11



006469



70437F

# Complementary

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



6F4F11



11316F

# 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.



405191



6F4F11



006284

# Square

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



6F4F11



006348



005C93



893862

# Rectangle

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



6F4F11



3A5E20



005C93



634886



# Sweetspot

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



6F4F11



91856D



6F1132



4A4234



C9C9C9



4A4A4A



# Same Dimension

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



6F4F11



916000



616F11



383632



784F00



F7A300



# Inverse Universe

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



11316F



003191



1F116F



323438



002978

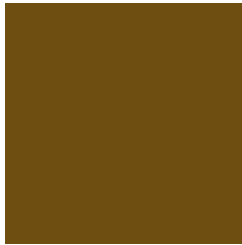


0054F7



# Previews

## White Background



This preview shows how the Hex color 6F4F11 looks on a white background.

## Color Contrast Check

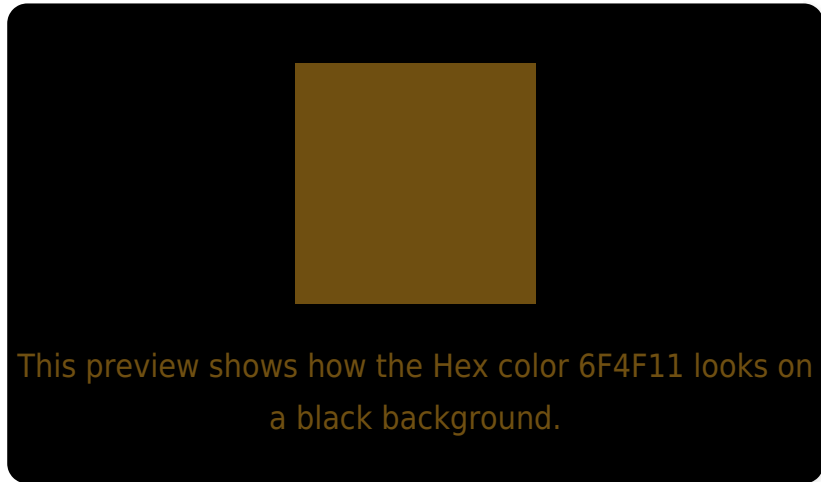
Large Text (above 18pt) WCAG AA ✓ Pass

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

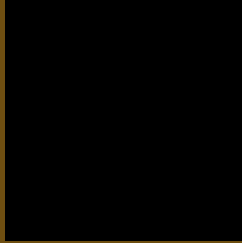
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6F4F11 Background



This preview shows how black text looks on a background with the Hex color 6F4F11.



This preview shows how white text looks on a background with the Hex color 6F4F11.

# 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**  
6F4F11

**Protanopia**  
605513

**Deuteranopia**  
6B5110



**Tritanopia**  
724A4F

# Trichromacy



**Original Color**  
6F4F11

**Protanomaly**  
655312

**Deuteranomaly**  
6C5010

**Tritanomaly**  
714C38

# Monochromacy



**Original Color**  
6F4F11

**Achromatopsia**  
525252

**Achromatomaly**  
5D513A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F4F11 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 #6F4F11 looks like.

```
.text, #text, p{  
    color:#6F4F11  
}
```

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 #6F4F11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F4F11
}
```

## Border

The CSS property to change the border of an element to Hex 6F4F11 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
#6F4F11 }
```

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

```
.border{ border-color:#6F4F11 }
```

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

Here you see how a box with a 4 pixel #6F4F11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F4F11; -webkit-box-shadow:4px 4px  
4px 4px #6F4F11; box-shadow:4px 4px 4px  
4px #6F4F11 }
```

# Background

The CSS property to change the background color of an element to Hex 6F4F11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F4F11 }
```

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

```
.background{ background-color:#6F4F11 }
```

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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