

# Converting Colors

Hex(6F6F44)

Have a look what the booklet for  
Hex(6F6F44) contains.

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**Color**

**Hex(6F6F44)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F6F44
RGB	111, 111, 68
RGB Percent	44%, 44%, 27%
CMY	0.5647, 0.5647, 0.7333
CMYK	0.00, 0.00, 0.39, 0.56
HSL	60°, 24%, 35%
HSV	60°, 39%, 44%
XYZ	13.2834, 15.1657, 7.6960
YIQ	106.0980, 13.8030, -13.3730

# Conversions

## Conversions Part 2

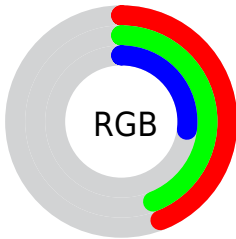
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 111, 68
Decimal	7302980
CIELab	45.86, -7.17, 23.96
CIELCh	46, 25.012, 106.648
Yxy	15.1657, 0.3675, 0.4196
Android (android.graphics.Color)	4285493060 (0xFF6F6F44)
YUV	106.0980, -18.7823, 4.2991
Hunter-Lab	38.9432, -7.2650, 15.5433

# Details

The Hex color **6F6F44** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **44446F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **A3A375**, and **3E3F17** is the 20% darker color. If you saturate the color by 10%, you get **6F6F39**, and if you desaturate by 10%, it is **6F6F4F**.

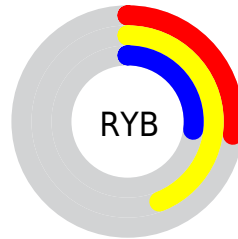
# Distribution



Red (44%)

Green (44%)

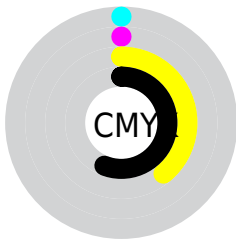
Blue (27%)



Red (27%)

Yellow (44%)

Blue (27%)

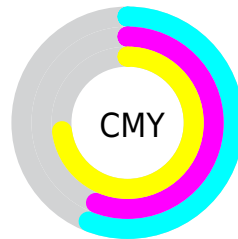


Cyan (0%)

Magenta (0%)

Yellow (39%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F6F44 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 6F6F44 by changing the saturation by 10% instead.





6F6F44



6F6F44

FFFFFF



56572D



A3A375



3E3F17



BFBE8F



282A00



DBD9A9



0E1600



F8F6C5



000000



FFFFE1

FFFFFFD



6F6F44



6F6F44



6F6F39



6F6F4F

 6F6F2E

 6F6F5A

 6F6F23

 6F6F65

 6F6F18

 6F6F70

 6F6F0C

 6F6F7C

 6F6F01

 6F6F87

 6F6F00

 6F6F92

 6F6F9D

 6F6FA8

# Harmonies

## Analogous

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



836844



6F6F44



57744F

# Triad

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



6F6F44



24768A



905E77

# Complementary

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



6F6F44



44446F

# 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.



7E6389



6F6F44



407195

# Square

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



6F6F44



267878



626B95



965D62

# Rectangle

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



6F6F44



46775B



626B95



8B5F7E



# Sweetspot

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



6F6F44



919180



6F4444



4A4A40



C9C9C9



4A4A4A



# Same Dimension

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



6F6F44



91914E



5A6F44



383832



787800



F7F700



# Inverse Universe

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



44446F



4E4E91



5A446F



323238



000078



0000F7



# Previews

## White Background



This preview shows how the Hex color 6F6F44 looks on a white background.

## Color Contrast Check

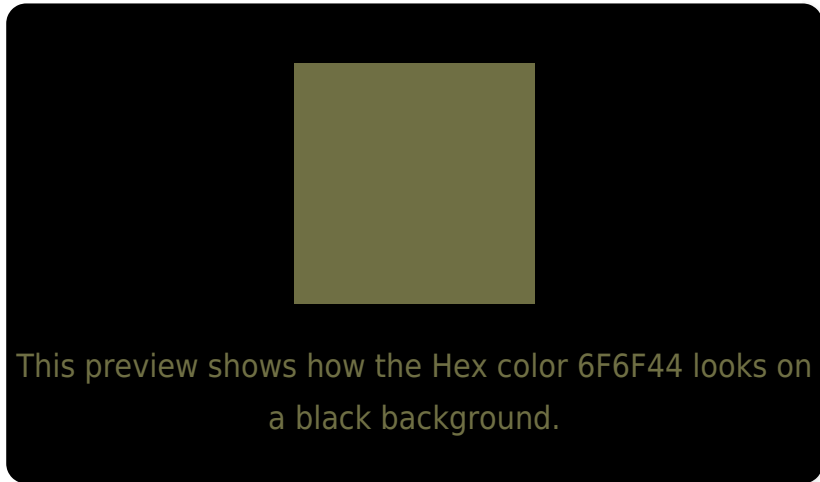
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

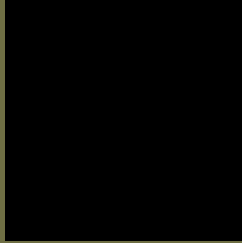
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F6F44 Background



This preview shows how black text looks on a background with the Hex color 6F6F44.



This preview shows how white text looks on a background with the Hex color 6F6F44.

# 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**  
6F6F44

**Protanopia**  
766D43

**Deuteranopia**  
836846



**Tritanopia**  
746972

# Trichromacy



**Original Color**  
6F6F44

**Protanomaly**  
736E43

**Deuteranomaly**  
7C6B45

**Tritanomaly**  
726B61

# Monochromacy



**Original Color**  
6F6F44

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
6C6C5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F6F44 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 #6F6F44 looks like.

```
.text, #text, p{  
    color:#6F6F44  
}
```

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 #6F6F44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F6F44
}
```

## Border

The CSS property to change the border of an element to Hex 6F6F44 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
#6F6F44 }
```

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

```
.border{ border-color:#6F6F44 }
```

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

Here you see how a box with a 4 pixel #6F6F44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F6F44; -webkit-box-shadow:4px 4px  
4px 4px #6F6F44; box-shadow:4px 4px 4px  
4px #6F6F44 }
```

# Background

The CSS property to change the background color of an element to Hex 6F6F44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F6F44 }
```

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

```
.background{ background-color:#6F6F44 }
```

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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