

# Converting Colors

Hex(6F5734)

Have a look what the booklet for  
Hex(6F5734) contains.

<b>Hex(6F5734)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(6F5734)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F5734
RGB	111, 87, 52
RGB Percent	44%, 34%, 20%
CMY	0.5647, 0.6588, 0.7961
CMYK	0.00, 0.22, 0.53, 0.56
HSL	36°, 36%, 32%
HSV	36°, 53%, 44%
XYZ	10.5836, 10.4438, 4.7069
YIQ	90.1860, 25.5390, -5.7970

# Conversions

## Conversions Part 2

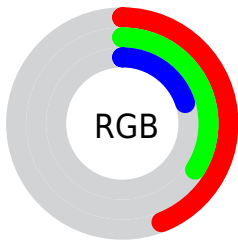
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 111, 52
Decimal	7296820
CIELab	38.63, 5.08, 23.99
CIELCh	39, 24.526, 78.035
Yxy	10.4438, 0.4113, 0.4058
Android (android.graphics.Color)	4285486900 (0xFF6F5734)
YUV	90.1860, -18.8257, 18.2539
Hunter-Lab	32.3169, 1.9029, 13.9864

# Details

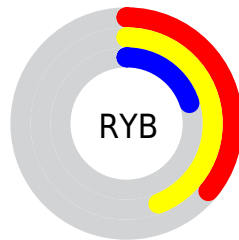
The Hex color **6F5734** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **344C6F**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **A48963**, and **3D2A07** is the 20% darker color. If you saturate the color by 10%, you get **6F5229**, and if you desaturate by 10%, it is **6F5C3F**.

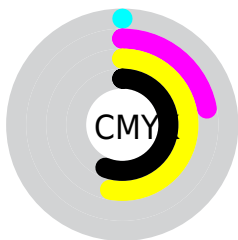
# Distribution



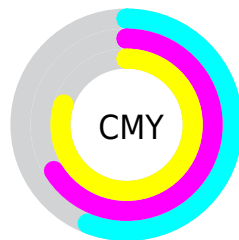
- Red (44%)
- Green (34%)
- Blue (20%)



- Red (36%)
- Yellow (44%)
- Blue (20%)



- Cyan (0%)
- Magenta (22%)
- Yellow (53%)
- Black (56%)



- Cyan (56%)
- Magenta (66%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F5734 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 6F5734 by changing the saturation by 10% instead.



 6F5734

 6F5734

FFFFFF

 56401E

 A48963

 3D2A07

 C0A37C

 261600

 DCBE96

 000000

 F9DAB1

 FFF6CD

 FFFF E9

 6F5734

 6F5734

 6F5229

 6F5C3F

■ 6F4E1E

■ 6F604A

■ 6F4913

■ 6F6555

■ 6F4508

■ 6F6960

■ 6F4200

■ 6F6E6C

■ 6F7277

■ 6F7782

■ 6F7B8D

■ 6F8098

# Harmonies

## Analogous

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



7D503E



6F5734



5C5E34

# Triad

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



6F5734



0A6667



6C5176

# Complementary

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



6F5734



344C6F

# 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.



515981



6F5734



076478

# Square

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



6F5734



2B6552



2F5F81



7D4C64

# Rectangle

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



6F5734



4D613B



2F5F81



64547A



# Sweetspot

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



6F5734



91887A



6F344D



4A443C



C9C9C9



4A4A4A



# Same Dimension

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



6F5734



916C34



6A6F34



383632



784700



F79300



# Inverse Universe

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



344C6F



345A91



39346F



323538



003178

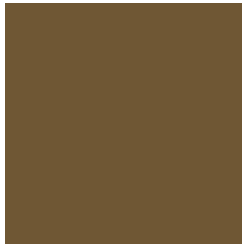


0065F7



# Previews

## White Background



This preview shows how the Hex color 6F5734 looks on a white background.

## Color Contrast Check

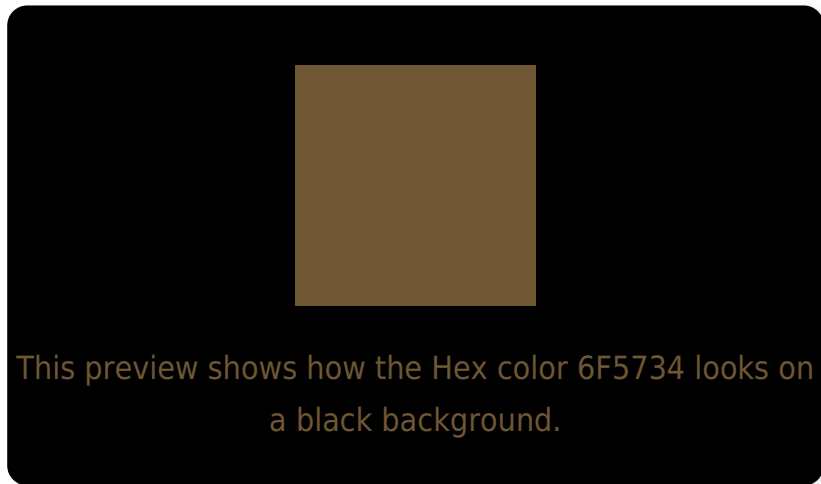
Large Text (above 18pt) WCAG AA ✓ Pass

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

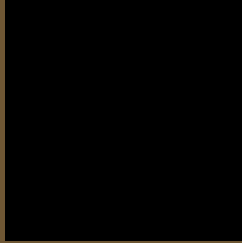
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F5734 Background



This preview shows how black text looks on a background with the Hex color 6F5734.



This preview shows how white text looks on a background with the Hex color 6F5734.

# 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**  
6F5734

**Protanopia**  
645B36

**Deuteranopia**  
6F5734



**Tritanopia**  
725359

# Trichromacy



**Original Color**  
6F5734

**Protanomaly**  
685A35

**Deuteranomaly**  
6F5734

**Tritanomaly**  
71544C

# Monochromacy



**Original Color**  
6F5734

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
62594C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F5734 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 #6F5734 looks like.

```
.text, #text, p{  
    color:#6F5734  
}
```

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 #6F5734 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F5734
}
```

## Border

The CSS property to change the border of an element to Hex 6F5734 is called "border". The border property can be set on classes, ids or directly on the HTML element.

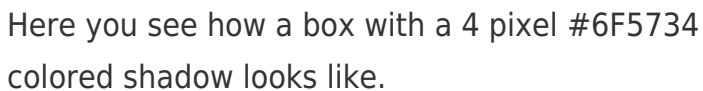
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F5734 }
```

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

```
.border{ border-color:#6F5734 }
```

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



Here you see how a box with a 4 pixel #6F5734 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F5734; -webkit-box-shadow:4px 4px  
4px 4px #6F5734; box-shadow:4px 4px 4px  
4px #6F5734 }
```

# Background

The CSS property to change the background color of an element to Hex 6F5734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F5734 }
```

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

```
.background{ background-color:#6F5734 }
```

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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