

# Converting Colors

Hex(6F3832)

Have a look what the booklet for  
Hex(6F3832) contains.

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# Color

**Hex(6F3832)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F3832
RGB	111, 56, 50
RGB Percent	44%, 22%, 20%
CMY	0.5647, 0.7804, 0.8039
CMYK	0.00, 0.50, 0.55, 0.56
HSL	6°, 38%, 32%
HSV	6°, 55%, 44%
XYZ	8.5454, 6.4381, 3.8099
YIQ	71.7610, 34.7060, 9.7940

# Conversions

## Conversions Part 2

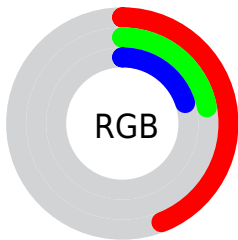
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 57, 50
Decimal	7288882
CIE <sub>Lab</sub>	30.49, 23.60, 14.74
CIE <sub>LCh</sub>	30, 27.824, 31.997
Yxy	6.4381, 0.4547, 0.3426
Android (android.graphics.Color)	4285478962 (0xFF6F3832)
YUV	71.7610, -10.7282, 34.4126
Hunter-Lab	25.3735, 15.7127, 8.8589

# Details

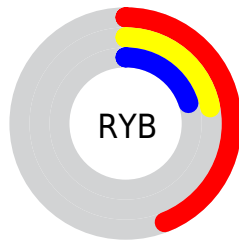
The Hex color **6F3832** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **32696F**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **A56860**, and **3C0A04** is the 20% darker color. If you saturate the color by 10%, you get **6F2E27**, and if you desaturate by 10%, it is **6F423D**.

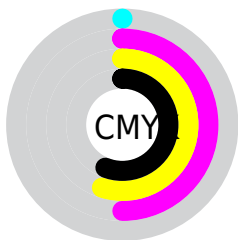
# Distribution



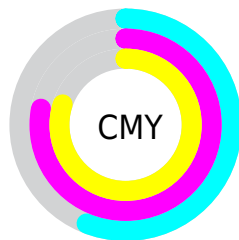
- Red (44%)
- Green (22%)
- Blue (20%)



- Red (44%)
- Yellow (22%)
- Blue (20%)



- Cyan (0%)
- Magenta (50%)
- Yellow (55%)
- Black (56%)



- Cyan (56%)
- Magenta (78%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F3832 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 6F3832 by changing the saturation by 10% instead.



6F3832

6F3832

FFFFFF

55211D

A56860

3C0A04

C28279

260001

DE9C93

000000

FCB7AD

FFD3C9

FFEFE5

6F3832

6F3832

6F2E27

6F423D

 6F241C

 6F4C48

 6F1A11

 6F5653

 6F1006

 6F605E

 6F0B00

 6F6A6A

 6F7475

 6F7E80

 6F888B

 6F9296

# Harmonies

## Analogous

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



6F3547



6F3832



653F22

# Triad

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



6F3832



205133



234A73

# Complementary

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



6F3832



32696F

# 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.



004F6E



6F3832



005349

# Square

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



6F3832



3D4D22



00525E



4B426D

# Rectangle

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



6F3832



5A451C



00525E



0B4C73



# Sweetspot

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



6F3832



917C7A



6F326A



4A3D3C



C9C9C9



4A4A4A



# Same Dimension

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



6F3832



913B31



6F5632



383332



780C00



F71800



# Inverse Universe

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



32696F



318891



324B6F



323838



006C78



00DFF7



# Previews

## White Background



This preview shows how the Hex color 6F3832 looks on a white background.

## Color Contrast Check

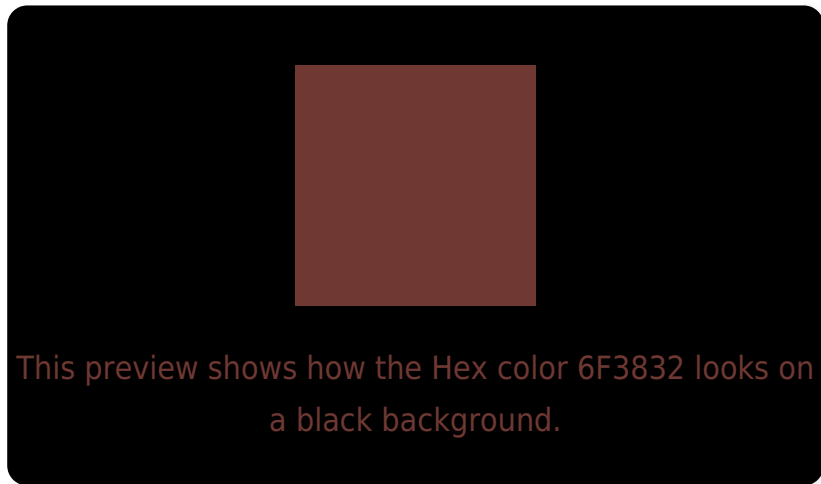
Large Text (above 18pt) WCAG AA ✓ Pass

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

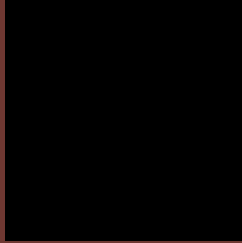
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F3832 Background



This preview shows how black text looks on a background with the Hex color 6F3832.

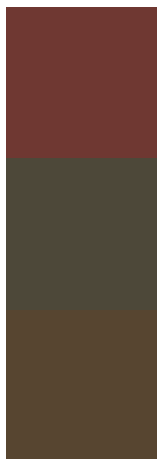


This preview shows how white text looks on a background with the Hex color 6F3832.

# 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**  
6F3832

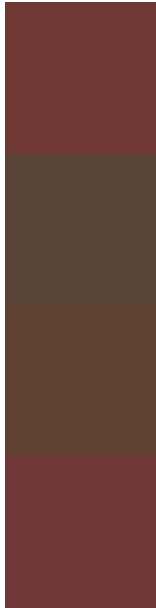
**Protanopia**  
4D4839

**Deuteranopia**  
574530



**Tritanopia**  
70373B

# Trichromacy



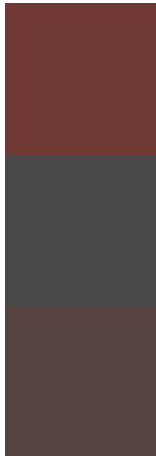
**Original Color**  
6F3832

**Protanomaly**  
594236

**Deuteranomaly**  
604031

**Tritanomaly**  
703738

# Monochromacy



**Original Color**  
6F3832

**Achromatopsia**  
484848

**Achromatomaly**  
564240

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F3832 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 #6F3832 looks like.

```
.text, #text, p{  
    color:#6F3832  
}
```

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 #6F3832 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F3832
}
```

## Border

The CSS property to change the border of an element to Hex 6F3832 is called "border". The border property can be set on classes, ids or directly on the HTML element.

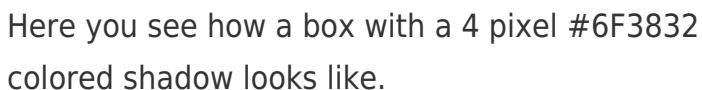
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F3832 }
```

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

```
.border{ border-color:#6F3832 }
```

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



Here you see how a box with a 4 pixel #6F3832 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F3832; -webkit-box-shadow:4px 4px  
4px 4px #6F3832; box-shadow:4px 4px 4px  
4px #6F3832 }
```

# Background

The CSS property to change the background color of an element to Hex 6F3832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F3832 }
```

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

```
.background{ background-color:#6F3832 }
```

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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