

# Converting Colors

Hex(6F4348)

Have a look what the booklet for  
Hex(6F4348) contains.

<b>Hex(6F4348)</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(6F4348)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F4348
RGB	111, 67, 72
RGB Percent	44%, 26%, 28%
CMY	0.5647, 0.7373, 0.7176
CMYK	0.00, 0.40, 0.35, 0.56
HSL	353°, 25%, 35%
HSV	353°, 40%, 44%
XYZ	9.7324, 7.8617, 7.1354
YIQ	80.7260, 24.6190, 10.8830

# Conversions

## Conversions Part 2

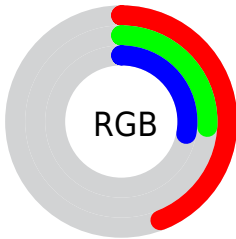
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">111, 67, 72</a>
Decimal	<a href="#">7291720</a>
CIELab	<a href="#">33.69, 19.72, 5.04</a>
CIELCh	<a href="#">34, 20.358, 14.346</a>
Yxy	<a href="#">7.8617, 0.3936, 0.3179</a>
Android (android.graphics.Color)	<a href="#">4285481800 (0xFF6F4348)</a>
YUV	<a href="#">80.7260, -4.3019, 26.5503</a>
Hunter-Lab	<a href="#">28.0387, 12.8906, 4.5388</a>

# Details

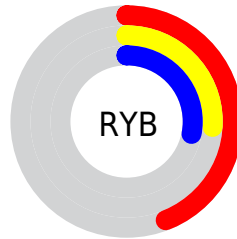
The Hex color **6F4348** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **436F6A**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **A47478**, and **3D161D** is the 20% darker color. If you saturate the color by 10%, you get **6F383E**, and if you desaturate by 10%, it is **6F4E52**.

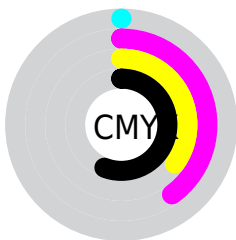
# Distribution



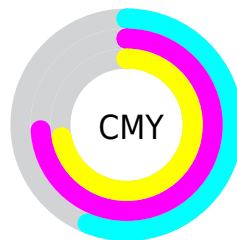
- Red (44%)
- Green (26%)
- Blue (28%)



- Red (44%)
- Yellow (26%)
- Blue (28%)



- Cyan (0%)
- Magenta (40%)
- Yellow (35%)
- Black (56%)



- Cyan (56%)
- Magenta (74%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F4348 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 6F4348 by changing the saturation by 10% instead.



6F4348

6F4348

FFFFFF

562C32

A47478

3D161D

C08D92

280002

DCA8AD

000000

F9C3C8

FFDFE4

FFFCFF

6F4348

6F4348

6F383E

6F4E52

 6F2D34

 6F595C

 6F222A

 6F6466

 6F1721

 6F6F6F

 6F0C17

 6F7B79

 6F000D

 6F8683

 6F918D

 6F9C97

 6FA7A1

# Harmonies

## Analogous

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



694458



6F4348



6C4639

# Triad

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



6F4348



405538



2B536E

# Complementary

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



6F4348



436F6A

# 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.



155765



6F4348



2D5746

# Square

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



6F4348



525130



195857



454E6E

# Rectangle

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



6F4348



664933



195857



22556C



# Sweetspot

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



6F4348



918082



6A436F



4A4041



C9C9C9



4A4A4A



# Same Dimension

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



6F4348



914C54



6F5443



383233



78000E



F7001C



# Inverse Universe

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



6F4348



914C54



435E6F



383233



78000E

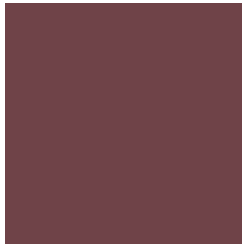


F7001C



# Previews

## White Background



This preview shows how the Hex color 6F4348 looks on a white background.

## Color Contrast Check

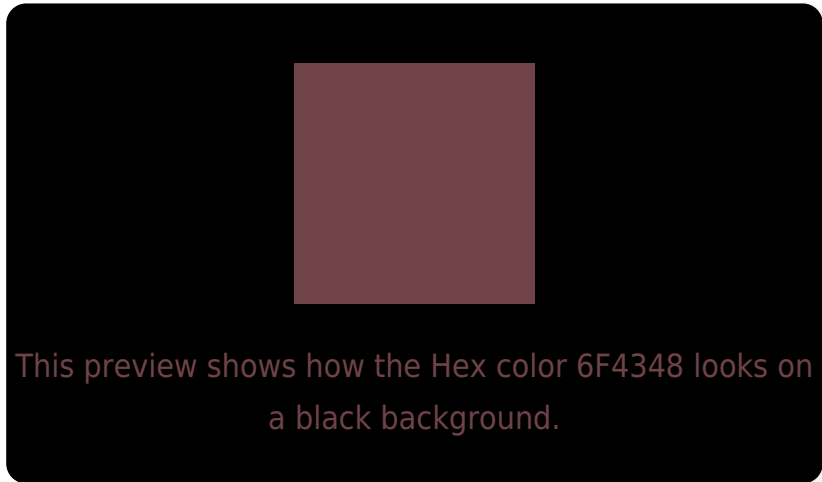
Large Text (above 18pt) WCAG AA ✓ Pass

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

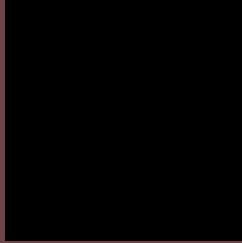
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F4348 Background



This preview shows how black text looks on a background with the Hex color 6F4348.



This preview shows how white text looks on a background with the Hex color 6F4348.

# 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**  
6F4348

**Protanopia**  
514F4F

**Deuteranopia**  
5B4D46



**Tritanopia**  
6F4348

# Trichromacy



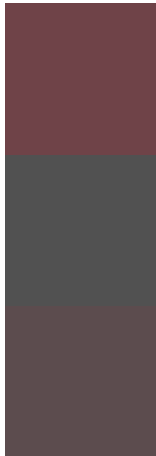
**Original Color**  
6F4348

**Protanomaly**  
5C4B4C

**Deuteranomaly**  
624947

**Tritanomaly**  
6F4348

# Monochromacy



**Original Color**  
6F4348

**Achromatopsia**  
515151

**Achromatomaly**  
5C4C4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F4348 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 #6F4348 looks like.

```
.text, #text, p{  
    color:#6F4348  
}
```

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 #6F4348 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F4348
}
```

## Border

The CSS property to change the border of an element to Hex 6F4348 is called "border". The border property can be set on classes, ids or directly on the HTML element.

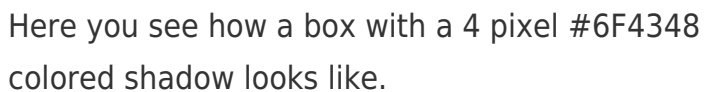
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F4348 }
```

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

```
.border{ border-color:#6F4348 }
```

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



Here you see how a box with a 4 pixel #6F4348 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F4348; -webkit-box-shadow:4px 4px  
4px 4px #6F4348; box-shadow:4px 4px 4px  
4px #6F4348 }
```

# Background

The CSS property to change the background color of an element to Hex 6F4348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F4348 }
```

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

```
.background{ background-color:#6F4348 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor