

# Converting Colors

Hex(6F3B3D)

Have a look what the booklet for  
Hex(6F3B3D) contains.

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# Color

**Hex(6F3B3D)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 6F3B3D                    |
| RGB         | 111, 59, 61               |
| RGB Percent | 44%, 23%, 24%             |
| CMY         | 0.5647, 0.7686, 0.7608    |
| CMYK        | 0.00, 0.47, 0.45, 0.56    |
| HSL         | 358°, 31%, 33%            |
| HSV         | 358°, 47%, 44%            |
| XYZ         | 8.9618, 6.8444, 5.2636    |
| YIQ         | 74.7760, 30.3500, 11.6460 |

# Conversions

## Conversions Part 2

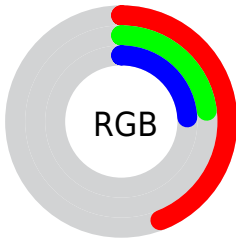
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 111, 59, 61                  |
| Decimal                             | 7289661                      |
| CIE <sub>Lab</sub>                  | 31.45, 23.05, 8.95           |
| CIE <sub>LCh</sub>                  | 31, 24.726, 21.229           |
| Yxy                                 | 6.8444, 0.4253,<br>0.3248    |
| Android<br>(android.graphics.Color) | 4285479741<br>(0xFF6F3B3D)   |
| YUV                                 | 74.7760, -6.7916,<br>31.7684 |
| Hunter-Lab                          | 26.1617, 15.3629,<br>6.3843  |

# Details

The Hex color **6F3B3D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3B6F6D**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **A56B6C**, and **3C0E13** is the 20% darker color. If you saturate the color by 10%, you get **6F3032**, and if you desaturate by 10%, it is **6F4648**.

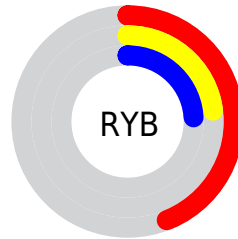
# Distribution



Red (44%)

Green (23%)

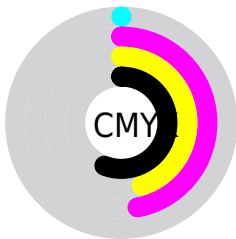
Blue (24%)



Red (44%)

Yellow (23%)

Blue (24%)

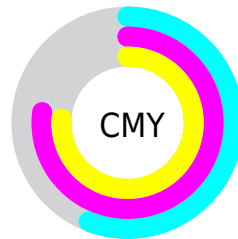


Cyan (0%)

Magenta (47%)

Yellow (45%)

Black (56%)



Cyan (56%)

Magenta (77%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F3B3D 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 6F3B3D by changing the saturation by 10% instead.



 6F3B3D

 6F3B3D

FFFFFF

 552427

 A56B6C

 3C0E13

 C18586

 270000

 DD9FA0

 000000

 FABABB

 FFD6D6

 FFF3F3

 6F3B3D

 6F3B3D

 6F3032

 6F4648

 6F2528

 6F5152

 6F1A1D

 6F5C5D

 6F0F12

 6F6768

 6F0408

 6F7372

 6F0004

 6F7E7D

 6F8988

 6F9492

 6F9F9D

# Harmonies

## Analogous

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



6B3B51



6F3B3D



69402D

# Triad

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



6F3B3D



325131



1E4E70

# Complementary

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



6F3B3D



3B6F6D

# 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.



005268



6F3B3D



135443

# Square

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



6F3B3D



484D25



005457



43476E

# Rectangle

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



6F3B3D



604525



005457



0A4F6E



# Sweetspot

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



6F3B3D



917D7E



6C3B6F



4A3D3E



C9C9C9



4A4A4A



# Same Dimension

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



6F3B3D



914043



6F523B



383233



780005



F7000A



# Inverse Universe

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



6F3B3D



914043



3B586F



383233



780005

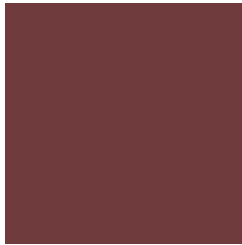


F7000A



# Previews

## White Background



This preview shows how the Hex color 6F3B3D looks on a white background.

## Color Contrast Check

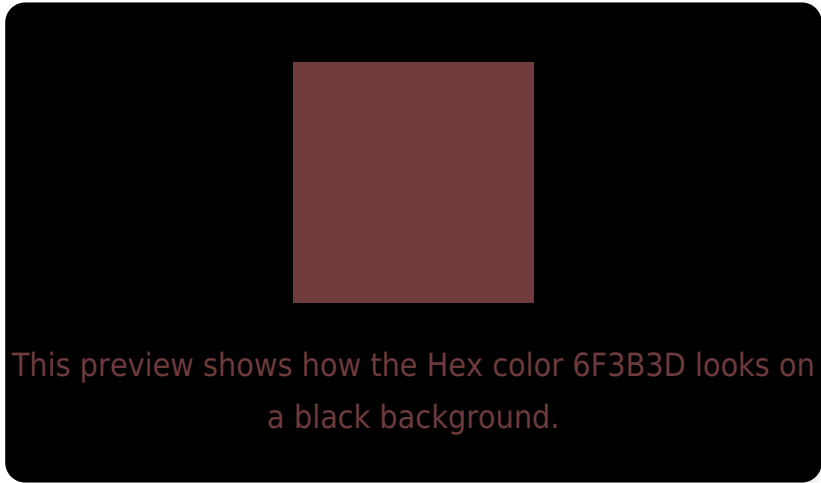
Large Text (above 18pt) WCAG AA ✓ Pass

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

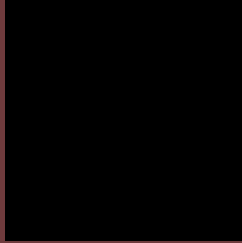
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F3B3D Background



This preview shows how black text looks on a background with the Hex color 6F3B3D.



This preview shows how white text looks on a background with the Hex color 6F3B3D.

# 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**  
6F3B3D

**Protanopia**  
4D4A45

**Deuteranopia**  
57483B



**Tritanopia**  
6F3B3F

# Trichromacy



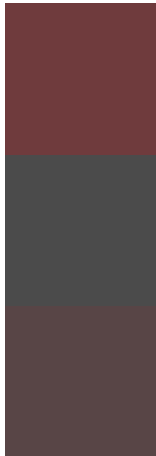
**Original Color**  
6F3B3D

**Protanomaly**  
594542

**Deuteranomaly**  
60433C

**Tritanomaly**  
6F3B3E

# Monochromacy



**Original Color**  
6F3B3D

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
584546

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F3B3D 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 #6F3B3D looks like.

```
.text, #text, p{  
    color:#6F3B3D  
}
```

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 #6F3B3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F3B3D
}
```

## Border

The CSS property to change the border of an element to Hex 6F3B3D is called "border". The border property can be set on classes, ids or directly on the HTML element.

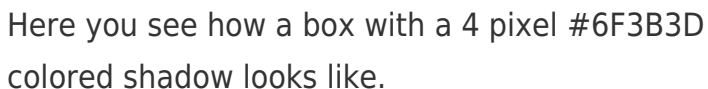
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F3B3D }
```

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

```
.border{ border-color:#6F3B3D }
```

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



Here you see how a box with a 4 pixel #6F3B3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F3B3D; -webkit-box-shadow:4px 4px  
4px 4px #6F3B3D; box-shadow:4px 4px 4px  
4px #6F3B3D }
```

# Background

The CSS property to change the background color of an element to Hex 6F3B3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F3B3D }
```

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

```
.background{ background-color:#6F3B3D }
```

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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