

# Converting Colors

Hex(442F3C)

Have a look what the booklet for  
Hex(442F3C) contains.

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# Color

Hex(442F3C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	442F3C
RGB	68, 47, 60
RGB Percent	27%, 18%, 24%
CMY	0.7333, 0.8157, 0.7647
CMYK	0.00, 0.31, 0.12, 0.73
HSL	323°, 18%, 23%
HSV	323°, 31%, 27%
XYZ	4.2160, 3.5882, 4.7454
YIQ	54.7610, 8.3430, 8.4950

# Conversions

## Conversions Part 2

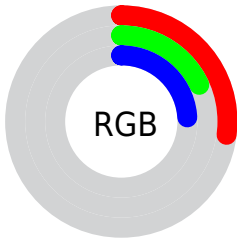
Format	Color
<a href="#">RYB</a>	68, 47, 60
Decimal	4468540
CIELab	22.26, 12.08, -4.42
CIElCh	22, 12.860, 339.915
Yxy	3.5882, 0.3359, 0.2859
Android (android.graphics.Color)	4282658620 (0xFF442F3C)
YUV	54.7610, 2.5828, 11.6106
Hunter-Lab	18.9426, 6.5789, -1.5931

# Details

The Hex color **442F3C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F4437**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **755D6B**, and **1A0012** is the 20% darker color. If you saturate the color by 10%, you get **442839**, and if you desaturate by 10%, it is **44363F**.

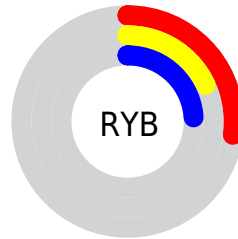
# Distribution



Red (27%)

Green (18%)

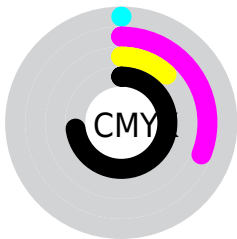
Blue (24%)



Red (27%)

Yellow (18%)

Blue (24%)

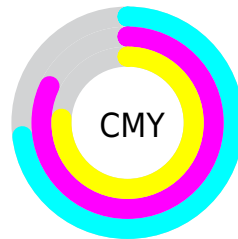


Cyan (0%)

Magenta (31%)

Yellow (12%)

Black (73%)



Cyan (73%)

Magenta (82%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 442F3C 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 442F3C by changing the saturation by 10% instead.





442F3C



442F3C

FFFFFF



2D1A26



755D6B



1A0012



8E7684



000000



A9909F



C4AABA



E0C5D5



FDE1F2



FFFEFF



442F3C



442F3C

■ 442839

■ 44363F

■ 442137

■ 443D41

■ 441B34

■ 444344

■ 441432

■ 444A46

■ 440D2F

■ 445149

■ 44062C

■ 44584C

■ 44002A

■ 445F4E

■ 446551

■ 446C53

# Harmonies

## Analogous

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



3B3244



442F3C



482E32

# Triad

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



442F3C



393622



183A41

# Complementary

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



442F3C



2F4437

# 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.



1A3B38



442F3C



2E3826

# Square

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



442F3C



423224



233A2E



203847

# Rectangle

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



442F3C



482F2C



233A2E



173A3E



# Sweetspot

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



442F3C



595156



372F44



2E292C



ADADAD



2E2E2E



# Same Dimension

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



442F3C



59384D



442F32



211E20



61003C



E0008B



# Inverse Universe

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



442F3C



59384D



2F4441



211E20



61003C



E0008B



# Previews

## White Background



This preview shows how the Hex color 442F3C looks on a white background.

## Color Contrast Check

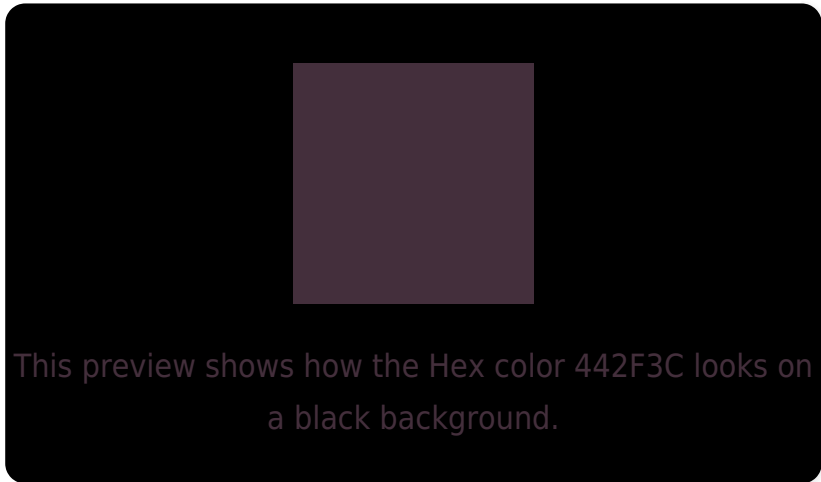
Large Text (above 18pt) WCAG AA ✓ Pass

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

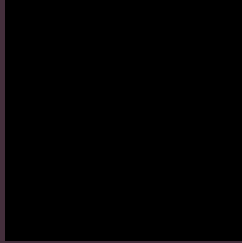
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 442F3C Background



This preview shows how black text looks on a background with the Hex color 442F3C.



This preview shows how white text looks on a background with the Hex color 442F3C.

# 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](#).

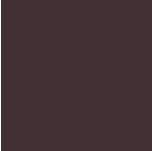
## Dichromacy



**Original Color**  
442F3C

**Protanopia**  
333540

**Deuteranopia**  
38343B



**Tritanopia**  
433034

# Trichromacy



**Original Color**

442F3C

**Protanomaly**

39333F

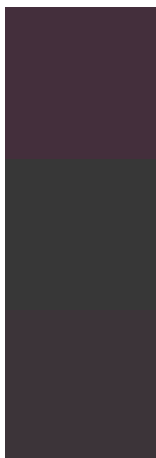
**Deuteranomaly**

3C323B

**Tritanomaly**

433037

# Monochromacy



**Original Color**

442F3C

**Achromatopsia**

373737

**Achromatomaly**

3C3439

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 442F3C 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 #442F3C looks like.

```
.text, #text, p{  
    color:#442F3C  
}
```

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 #442F3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #442F3C
}
```

## Border

The CSS property to change the border of an element to Hex 442F3C 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".

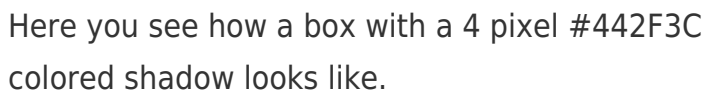
```
.border, #border, table{ border:4px solid
#442F3C }
```

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

```
.border{ border-color:#442F3C }
```

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

Here you see how a box with a 4 pixel #442F3C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #442F3C; -webkit-box-shadow:4px 4px  
4px 4px #442F3C; box-shadow:4px 4px 4px  
4px #442F3C }
```

# Background

The CSS property to change the background color of an element to Hex 442F3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#442F3C }
```

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

```
.background{ background-color:#442F3C }
```

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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