

Converting Colors

Hex(453C3F)

Have a look what the booklet for
Hex(453C3F) contains.

| | |
|--|----|
| Hex(453C3F) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(453C3F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------|
| Hex | 453C3F |
| RGB | 69, 60, 63 |
| RGB Percent | 27%, 24%, 25% |
| CMY | 0.7294, 0.7647, 0.7529 |
| CMYK | 0.00, 0.13, 0.09, 0.73 |
| HSL | 340°, 7%, 25% |
| HSV | 340°, 13%, 27% |
| XYZ | 4.9673, 4.8558, 5.3781 |
| YIQ | 63.0330, 4.4010, 2.8410 |

Conversions

Conversions Part 2

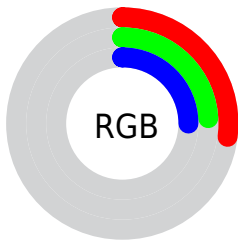
| Format | Color |
|-------------------------------------|--|
| RYB | 69, 60, 63 |
| Decimal | 4537407 |
| CIELab | 26.32, 4.52, -0.42 |
| CIElCh | 26, 4.543, 354.747 |
| Yxy | 4.8558, 0.3268, 0.3194 |
| Android (android.graphics.Color) | 4282727487 (0xFF453C3F) |
| YUV | 63.0330, -0.0163, 5.2331 |
| Hunter-Lab | 22.0359, 1.6744, 0.9548 |

Details

The Hex color **453C3F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3C4542**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **756B6F**, and **1A1215** is the 20% darker color. If you saturate the color by 10%, you get **45353A**, and if you desaturate by 10%, it is **454344**.

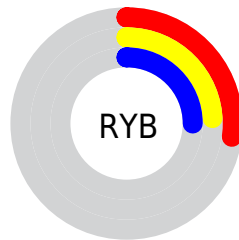
Distribution



Red (27%)

Green (24%)

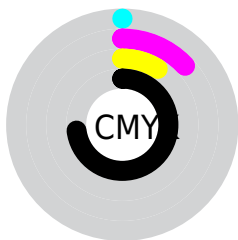
Blue (25%)



Red (27%)

Yellow (24%)

Blue (25%)

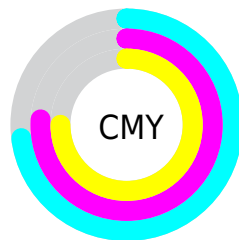


Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (73%)



Cyan (73%)

Magenta (76%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 453C3F 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 453C3F by changing the saturation by 10% instead.



453C3F



453C3F

FFFFFF



2F2629



756B6F



1A1215



8F8488



000000



A99FA2



C5BABD



E1D5D9



FDF2F5



453C3F



453C3F



45353A



454344

■ 452E36

■ 454A48

■ 452731

■ 45514D

■ 45202D

■ 455851

■ 451928

■ 455F56

■ 451323

■ 45655B

■ 450C1F

■ 456C5F

■ 45051A

■ 457364

■ 450017

■ 457A68

Harmonies

Analogous

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



423D42



453C3F



463C3C

Triad

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



453C3F



3E3F38



374044

Complementary

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



453C3F



3C4542

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.



364041



453C3F



3A403A

Square

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



453C3F



423E37



37403D



3A3F45

Rectangle

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



453C3F



453C3A



37403D



364043

Sweetspot

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



453C3F



595657



423C45



2E2C2C



ADADAD



2E2E2E

Same Dimension

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



453C3F



594B50



453D3C



242021



630021



E3004C

Inverse Universe

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



453C3F



594B50



3C4445



242021



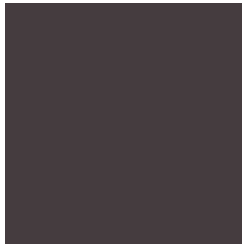
630021



E3004C

Previews

White Background



This preview shows how the Hex color 453C3F looks on a white background.

Color Contrast Check

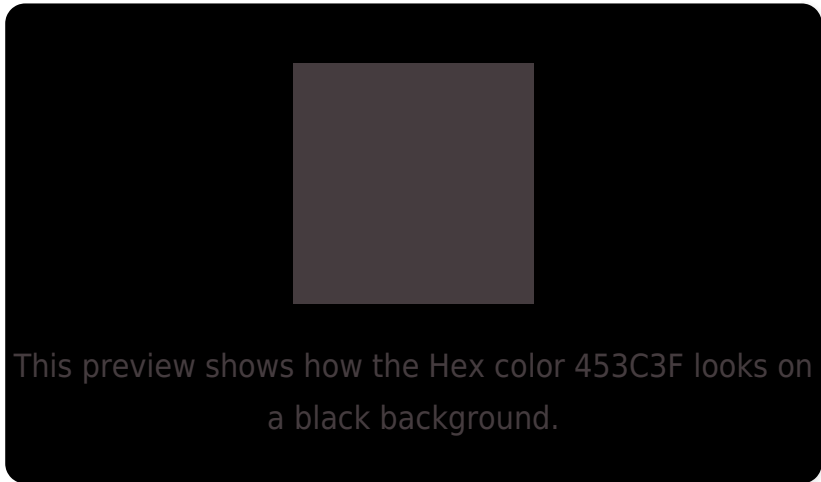
Large Text (above 18pt) WCAG AA ✓ Pass

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

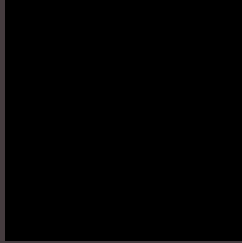
Any Text WCAG AA × Fail

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 453C3F Background



This preview shows how black text looks on a background with the Hex color 453C3F.

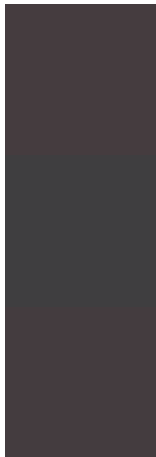


This preview shows how white text looks on a background with the Hex color 453C3F.

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
453C3F

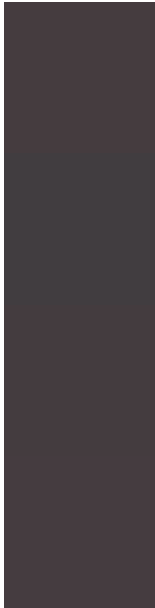
Protanopia
3F3E40

Deuteranopia
443C3F



Tritanopia
453C40

Trichromacy



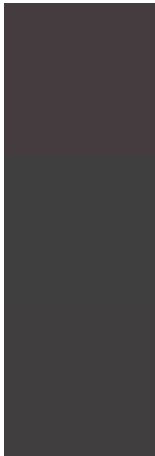
Original Color
453C3F

Protanomaly
413D40

Deuteranomaly
443C3F

Tritanomaly
453C40

Monochromacy



Original Color
453C3F

Achromatopsia
3F3F3F

Achromatomaly
413E3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 453C3F 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 #453C3F looks like.

```
.text, #text, p{  
    color:#453C3F  
}
```

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 #453C3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #453C3F
}
```

Border

The CSS property to change the border of an element to Hex 453C3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

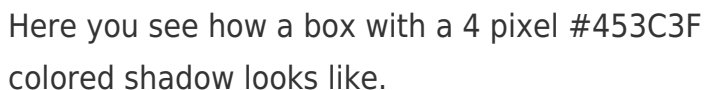
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#453C3F }
```

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

```
.border{ border-color:#453C3F }
```

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



Here you see how a box with a 4 pixel #453C3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #453C3F; -webkit-box-shadow:4px 4px  
4px 4px #453C3F; box-shadow:4px 4px 4px  
4px #453C3F }
```

Background

The CSS property to change the background color of an element to Hex 453C3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#453C3F }
```

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

```
.background{ background-color:#453C3F }
```

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