

Converting Colors

Hex(452A3F)

Have a look what the booklet for
Hex(452A3F) contains.

Hex(452A3F)	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(452A3F)

Conversions

Conversions Part 1

Format	Color
Hex	452A3F
RGB	69, 42, 63
RGB Percent	27%, 16%, 25%
CMY	0.7294, 0.8353, 0.7529
CMYK	0.00, 0.39, 0.09, 0.73
HSL	313°, 24%, 22%
HSV	313°, 39%, 27%
XYZ	4.1794, 3.2800, 5.1155
YIQ	52.4670, 9.3510, 12.2550

Conversions

Conversions Part 2

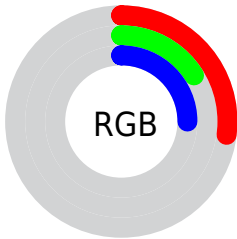
Format	Color
RYB	69, 42, 63
Decimal	4532799
CIELab	21.13, 16.43, -8.15
CIELCh	21, 18.336, 333.625
Yxy	3.2800, 0.3324, 0.2608
Android (android.graphics.Color)	4282722879 (0xFF452A3F)
YUV	52.4670, 5.1928, 14.4994
Hunter-Lab	18.1108, 9.4983, -4.0691

Details

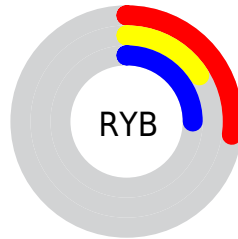
The Hex color **452A3F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2A4530**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **76586F**, and **1C0015** is the 20% darker color. If you saturate the color by 10%, you get **45233D**, and if you desaturate by 10%, it is **453141**.

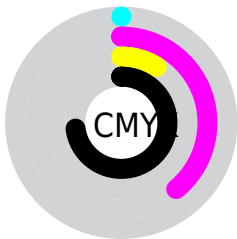
Distribution



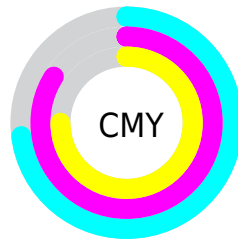
- Red (27%)
- Green (16%)
- Blue (25%)



- Red (27%)
- Yellow (16%)
- Blue (25%)



- Cyan (0%)
- Magenta (39%)
- Yellow (9%)
- Black (73%)



- Cyan (73%)
- Magenta (84%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 452A3F 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 452A3F by changing the saturation by 10% instead.



452A3F



452A3F

FFFFFF



2E1529



76586F



1C0015



907188



000000



AA8AA2



C6A4BD



E2C0D9



FFDCF6



FFF8FF



452A3F



452A3F

■ 45233D

■ 453141

■ 451C3C

■ 453842

■ 45153A

■ 453F44

■ 450E39

■ 454645

■ 450837

■ 454D47

■ 450136

■ 455348

■ 450036

■ 455A4A

■ 45614B

■ 45684D

Harmonies

Analogous

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



362F49



452A3F



4C2832

Triad

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



452A3F



3A3317



003941

Complementary

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



452A3F



2A4530

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.



033A34



452A3F



2C361C

Square

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



452A3F



452E1B



1B3926



02374B

Rectangle

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



452A3F



4D2929



1B3926



003A3D

Sweetspot

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



452A3F



594F57



302A45



2E272C



ADADAD



2E2E2E

Same Dimension

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



452A3F



592F50



452A32



242023



63004D



E300B1

Inverse Universe

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



452A3F



592F50



2A453D



242023



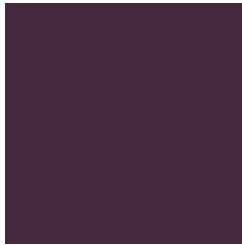
63004D



E300B1

Previews

White Background



This preview shows how the Hex color 452A3F looks on a white background.

Color Contrast Check

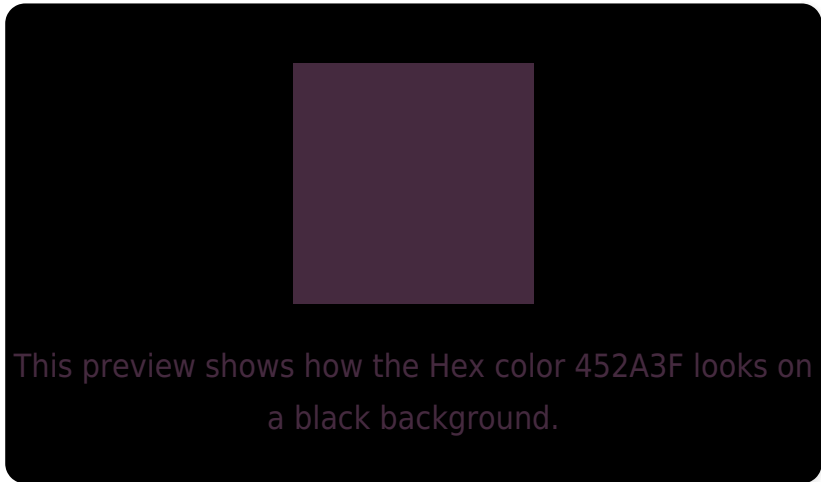
Large Text (above 18pt) WCAG AA ✓ Pass

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

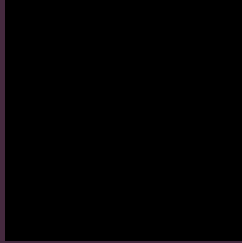
Any Text WCAG AA × Fail

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 452A3F Background



This preview shows how black text looks on a background with the Hex color 452A3F.



This preview shows how white text looks on a background with the Hex color 452A3F.

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
452A3F

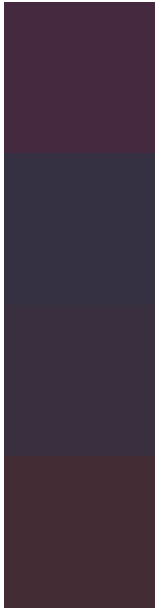
Protanopia
2E3345

Deuteranopia
33323E



Tritanopia
432D30

Trichromacy



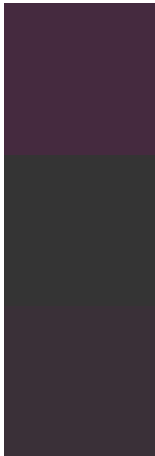
Original Color
452A3F

Protanomaly
363043

Deuteranomaly
3A2F3E

Tritanomaly
442C35

Monochromacy



Original Color
452A3F

Achromatopsia
343434

Achromatomaly
3A3038

CSS Examples

Text

The CSS property to change the color of the text to Hex 452A3F 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 #452A3F looks like.

```
.text, #text, p{  
    color:#452A3F  
}
```

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 #452A3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #452A3F
}
```

Border

The CSS property to change the border of an element to Hex 452A3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

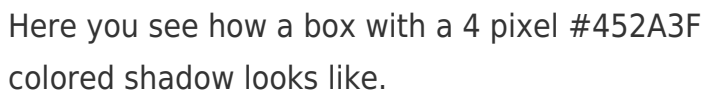
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#452A3F }
```

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

```
.border{ border-color:#452A3F }
```

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



Here you see how a box with a 4 pixel #452A3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #452A3F; -webkit-box-shadow:4px 4px  
4px 4px #452A3F; box-shadow:4px 4px 4px  
4px #452A3F }
```

Background

The CSS property to change the background color of an element to Hex 452A3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#452A3F }
```

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

```
.background{ background-color:#452A3F }
```

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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