

# Converting Colors

Hex(452F48)

Have a look what the booklet for  
Hex(452F48) contains.

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# Color

**Hex(452F48)**

# Conversions

## Conversions Part 1

Format	Color
Hex	452F48
RGB	69, 47, 72
RGB Percent	27%, 18%, 28%
CMY	0.7294, 0.8157, 0.7176
CMYK	0.04, 0.35, 0.00, 0.72
HSL	293°, 21%, 23%
HSV	293°, 35%, 28%
XYZ	4.6405, 3.7661, 6.6132
YIQ	56.4280, 5.0870, 12.4390

# Conversions

## Conversions Part 2

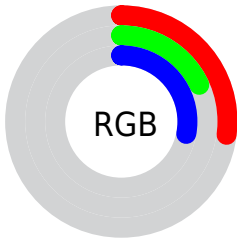
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 47, 72
Decimal	4534088
CIELab	22.88, 15.15, -11.58
CIElCh	23, 19.065, 322.607
Yxy	3.7661, 0.3090, 0.2507
Android (android.graphics.Color)	4282724168 (0xFF452F48)
YUV	56.4280, 7.6770, 11.0256
Hunter-Lab	19.4065, 8.7214, -6.6200

# Details

The Hex color **452F48** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **32482F**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **765D79**, and **1B001D** is the 20% darker color. If you saturate the color by 10%, you get **442848**, and if you desaturate by 10%, it is **463648**.

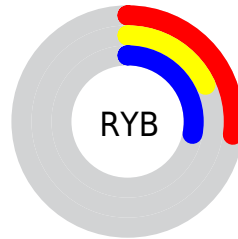
# Distribution



Red (27%)

Green (18%)

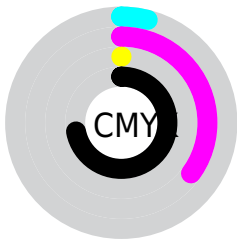
Blue (28%)



Red (27%)

Yellow (18%)

Blue (28%)

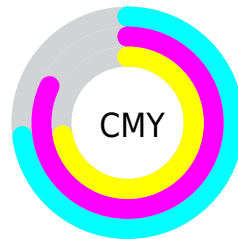


Cyan (4%)

Magenta (35%)

Yellow (0%)

Black (72%)



Cyan (73%)

Magenta (82%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 452F48 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 452F48 by changing the saturation by 10% instead.





452F48



452F48

FFFFFF



2E1A31



765D79



1B001D



8F7692



000000



AA90AD



C5AAC8



E2C6E4



FEE2FF



FFFEFF



452F48



452F48

■ 442848

■ 463648

■ 432148

■ 473D48

■ 421948

■ 484548

■ 421248

■ 484C48

■ 410B48

■ 495348

■ 400448

■ 4A5A48

■ 3F0048

■ 4B6148

■ 4C6948

■ 4D7048

# Harmonies

## Analogous

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



333451



452F48



4F2C3B

# Triad

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



452F48



43351A



003E41

# Complementary

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



452F48



32482F

# 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.



0F3E32



452F48



35391C

# Square

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



452F48



4D3021



243C25



003C4D

# Rectangle

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



452F48



522B31



243C25



003E3C



# Sweetspot

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



452F48



5D555E



2F3248



302B30



B0B0B0



303030



# Same Dimension

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



452F48



5A375E



482F3F



232024



580063



C800E3



# Inverse Universe

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



482F32



5E373B



2F4838



242021



63000C



E3001B



# Previews

## White Background



This preview shows how the Hex color 452F48 looks on a white background.

## Color Contrast Check

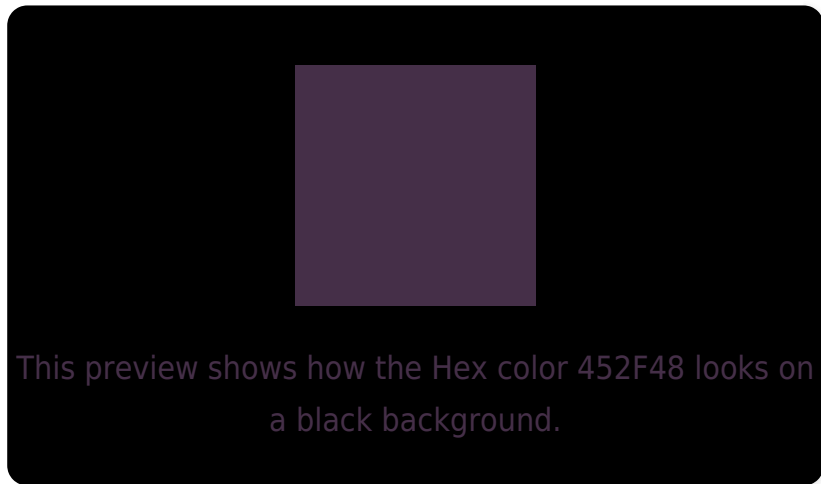
Large Text (above 18pt) WCAG AA ✓ Pass

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

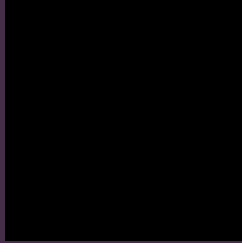
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 452F48 Background



This preview shows how black text looks on a background with the Hex color 452F48.



This preview shows how white text looks on a background with the Hex color 452F48.

# 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](#).

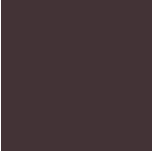
## Dichromacy



**Original Color**  
452F48

**Protanopia**  
30364D

**Deuteranopia**  
343647



**Tritanopia**  
433336

# Trichromacy



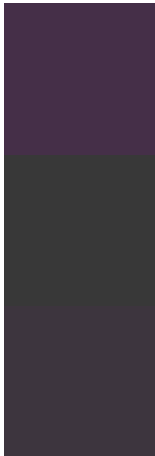
**Original Color**  
452F48

**Protanomaly**  
38334B

**Deuteranomaly**  
3A3347

**Tritanomaly**  
44323D

# Monochromacy



**Original Color**  
452F48

**Achromatopsia**  
383838

**Achromatomaly**  
3D353E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 452F48 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 #452F48 looks like.

```
.text, #text, p{  
    color:#452F48  
}
```

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 #452F48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #452F48  
}
```

## Border

The CSS property to change the border of an element to Hex 452F48 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".

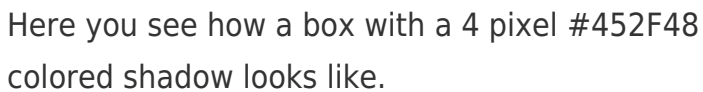
```
.border, #border, table{ border:4px solid  
#452F48 }
```

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

```
.border{ border-color:#452F48 }
```

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

Here you see how a box with a 4 pixel #452F48 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #452F48; -webkit-box-shadow:4px 4px  
4px 4px #452F48; box-shadow:4px 4px 4px  
4px #452F48 }
```

# Background

The CSS property to change the background color of an element to Hex 452F48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#452F48 }
```

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

```
.background{ background-color:#452F48 }
```

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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