

Converting Colors

Hex(452F52)

Have a look what the booklet for
Hex(452F52) contains.

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Color

Hex(452F52)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 452F52 |
| RGB | 69, 47, 82 |
| RGB Percent | 27%, 18%, 32% |
| CMY | 0.7294, 0.8157, 0.6784 |
| CMYK | 0.16, 0.43, 0.00, 0.68 |
| HSL | 278°, 27%, 25% |
| HSV | 278°, 43%, 32% |
| XYZ | 4.9937, 3.9074, 8.4737 |
| YIQ | 57.5680, 1.8770, 15.5490 |

Conversions

Conversions Part 2

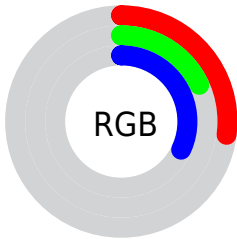
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 69, 47, 82 |
| Decimal | 4534098 |
| CIE _{Lab} | 23.36, 17.60, -17.52 |
| CIE _{LCh} | 23, 24.835, 315.130 |
| Yxy | 3.9074, 0.2874, 0.2249 |
| Android (android.graphics.Color) | 4282724178 (0xFF452F52) |
| YUV | 57.5680, 12.0450, 10.0259 |
| Hunter-Lab | 19.7672, 10.5014, -11.5789 |

Details

The Hex color **452F52** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3C522F**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **765D84**, and **1B0025** is the 20% darker color. If you saturate the color by 10%, you get **422752**, and if you desaturate by 10%, it is **483752**.

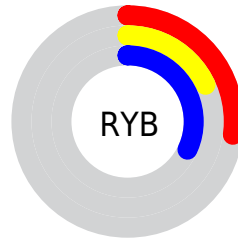
Distribution



Red (27%)

Green (18%)

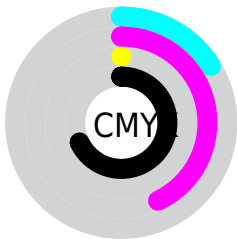
Blue (32%)



Red (27%)

Yellow (18%)

Blue (32%)

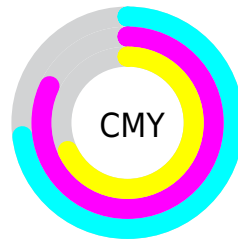


Cyan (16%)

Magenta (43%)

Yellow (0%)

Black (68%)



Cyan (73%)

Magenta (82%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 452F52 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 452F52 by changing the saturation by 10% instead.



452F52



452F52

FFFFFF



2E1A3B



765D84



1B0025



90769E



00010E



AB90B9



000000



C6ABD4



E2C6F1



FFE2FF



452F52



452F52



422752



483752

■ 3F1F52

■ 4B3F52

■ 3C1652

■ 4E4852

■ 390E52

■ 515052

■ 360652

■ 545852

■ 340052

■ 576052

■ 5A6852

■ 5D7152

■ 607952

Harmonies

Analogous

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



29365B



452F52



552942

Triad

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



452F52



4A3313



004141

Complementary

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



452F52



3C522F

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.



01402E



452F52



393A12

Square

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



452F52



562C1E



243E1C



004052

Rectangle

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



452F52



5A2835



243E1C



00413A

Sweetspot

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



452F52



665D6B



2F3C52



322D36



B5B5B5



363636

Same Dimension

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



452F52



57346B



522F4E



272529



420069



9200E8

Inverse Universe

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



522F3C



6B3449



2F5233



292526



690027



E80056

Previews

White Background



This preview shows how the Hex color 452F52 looks on a white background.

Color Contrast Check

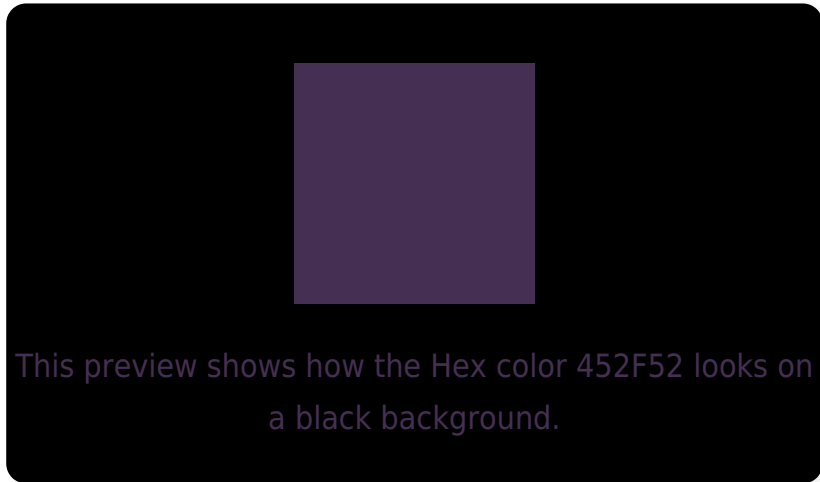
Large Text (above 18pt) WCAG AA ✓ Pass

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

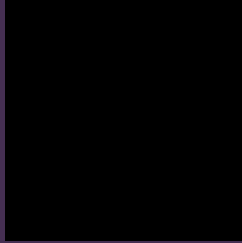
Any Text WCAG AA × Fail

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 452F52 Background



This preview shows how black text looks on a background with the Hex color 452F52.



This preview shows how white text looks on a background with the Hex color 452F52.

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
452F52

Protanopia
2B3759

Deuteranopia
2F3750



Tritanopia
413539

Trichromacy



Original Color
452F52

Protanomaly
343456

Deuteranomaly
373451

Tritanomaly
423342

Monochromacy



Original Color
452F52

Achromatopsia
3A3A3A

Achromatomaly
3E3643

CSS Examples

Text

The CSS property to change the color of the text to Hex 452F52 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 #452F52 looks like.

```
.text, #text, p{  
    color:#452F52  
}
```

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 #452F52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #452F52
}
```

Border

The CSS property to change the border of an element to Hex 452F52 is called "border". The border property can be set on classes, ids or directly on the HTML element.

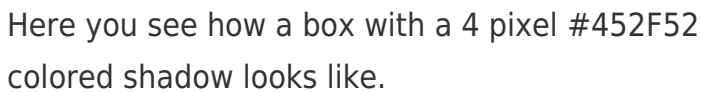
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#452F52 }
```

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

```
.border{ border-color:#452F52 }
```

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



Here you see how a box with a 4 pixel #452F52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #452F52; -webkit-box-shadow:4px 4px  
4px 4px #452F52; box-shadow:4px 4px 4px  
4px #452F52 }
```

Background

The CSS property to change the background color of an element to Hex 452F52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#452F52 }
```

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

```
.background{ background-color:#452F52 }
```

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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