

Converting Colors

Hex(452C27)

Have a look what the booklet for
Hex(452C27) contains.

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Color

Hex(452C27)

Conversions

Conversions Part 1

Format	Color
Hex	452C27
RGB	69, 44, 39
RGB Percent	27%, 17%, 15%
CMY	0.7294, 0.8275, 0.8471
CMYK	0.00, 0.36, 0.43, 0.73
HSL	10°, 28%, 21%
HSV	10°, 43%, 27%
XYZ	3.7211, 3.2131, 2.3435
YIQ	50.9050, 16.5050, 3.7450

Conversions

Conversions Part 2

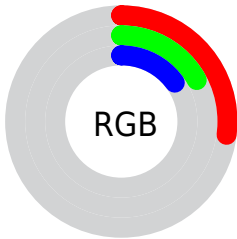
Format	Color
RYB	69, 45, 39
Decimal	4533287
CIELab	20.88, 10.82, 7.95
CIELCh	21, 13.428, 36.298
Yxy	3.2131, 0.4011, 0.3463
Android (android.graphics.Color)	4282723367 (0xFF452C27)
YUV	50.9050, -5.8692, 15.8693
Hunter-Lab	17.9250, 5.6869, 4.7959

Details

The Hex color **452C27** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **274045**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **765A54**, and **1A0000** is the 20% darker color. If you saturate the color by 10%, you get **452620**, and if you desaturate by 10%, it is **45322E**.

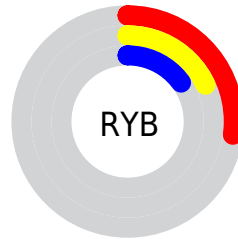
Distribution



Red (27%)

Green (17%)

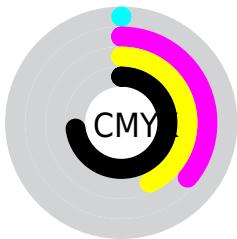
Blue (15%)



Red (27%)

Yellow (18%)

Blue (15%)

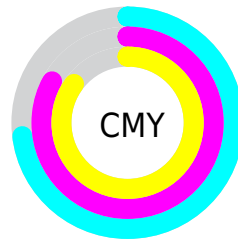


Cyan (0%)

Magenta (36%)

Yellow (43%)

Black (73%)



Cyan (73%)

Magenta (83%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 452C27 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 452C27 by changing the saturation by 10% instead.



452C27



452C27

FFFFFF



2E1713



765A54



1A0000



90726C



000000



AB8C85



C7A69F



E3C1BA



FFDDD6



FFFAF3



452C27



452C27

■ 452620

■ 45322E

■ 452119

■ 453835

■ 451B12

■ 453D3C

■ 45150B

■ 454343

■ 450F04

■ 45494A

■ 450B00

■ 454F50

■ 455457

■ 455A5E

■ 456065

Harmonies

Analogous

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



462B30



452C27



402F20

Triad

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



452C27



21372A



283246

Complementary

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



452C27



274045

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.



1A3544



452C27



163834

Square

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



452C27



2C3522



12373E



362F42

Rectangle

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



452C27



3A311F



12373E



233446

Sweetspot

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



452C27



59504E



452740



2E2827



ADADAD



2E2E2E

Same Dimension

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



452C27



59332B



453B27



242120



631100



E32600

Inverse Universe

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



274045



2B5259



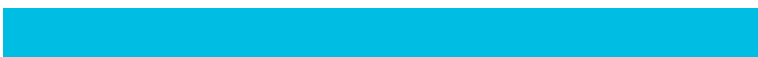
273145



202324



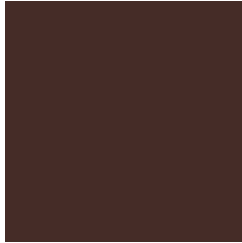
005363



00BDE3

Previews

White Background



This preview shows how the Hex color 452C27 looks on a white background.

Color Contrast Check

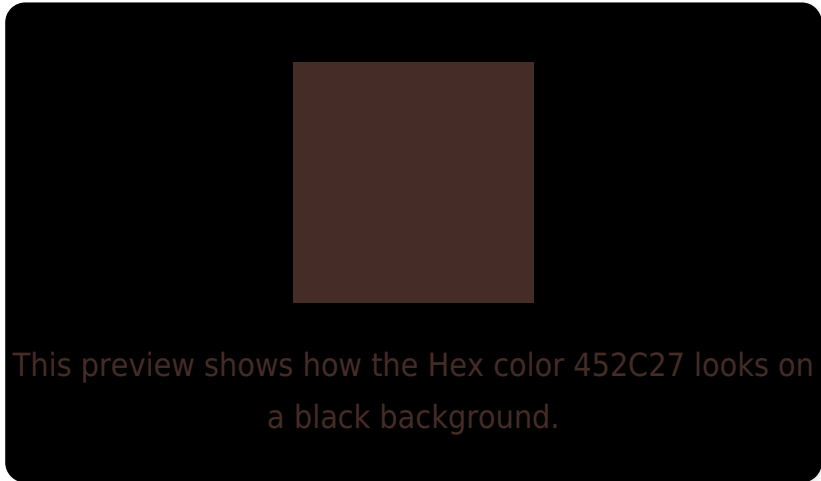
Large Text (above 18pt) WCAG AA ✓ Pass

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 452C27 Background



This preview shows how black text looks on a background with the Hex color 452C27.

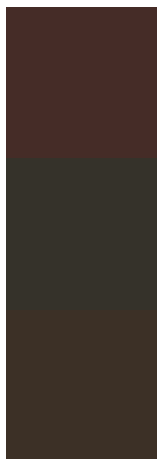


This preview shows how white text looks on a background with the Hex color 452C27.

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
452C27

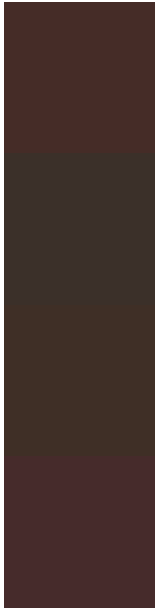
Protanopia
35322A

Deuteranopia
3C3026



Tritanopia
462B2E

Trichromacy



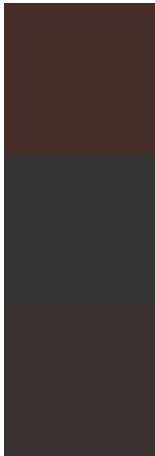
Original Color
452C27

Protanomaly
3B3029

Deuteranomaly
3F2F26

Tritanomaly
462B2B

Monochromacy



Original Color
452C27

Achromatopsia
333333

Achromatomaly
3A302F

CSS Examples

Text

The CSS property to change the color of the text to Hex 452C27 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 #452C27 looks like.

```
.text, #text, p{  
    color:#452C27  
}
```

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 #452C27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #452C27
}
```

Border

The CSS property to change the border of an element to Hex 452C27 is called "border". The border property can be set on classes, ids or directly on the HTML element.

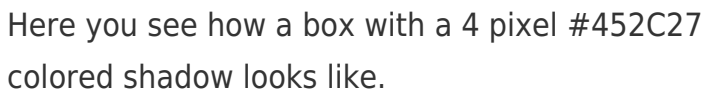
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#452C27 }
```

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

```
.border{ border-color:#452C27 }
```

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



Here you see how a box with a 4 pixel #452C27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #452C27; -webkit-box-shadow:4px 4px  
4px 4px #452C27; box-shadow:4px 4px 4px  
4px #452C27 }
```

Background

The CSS property to change the background color of an element to Hex 452C27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#452C27 }
```

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

```
.background{ background-color:#452C27 }
```

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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