

Converting Colors

Hex(451C38)

Have a look what the booklet for
Hex(451C38) contains.

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Color

Hex(451C38)

Conversions

Conversions Part 1

Format	Color
Hex	451C38
RGB	69, 28, 56
RGB Percent	27%, 11%, 22%
CMY	0.7294, 0.8902, 0.7804
CMYK	0.00, 0.59, 0.19, 0.73
HSL	319°, 42%, 19%
HSV	319°, 59%, 27%
XYZ	3.5833, 2.3812, 4.0121
YIQ	43.4510, 15.4480, 17.4000

Conversions

Conversions Part 2

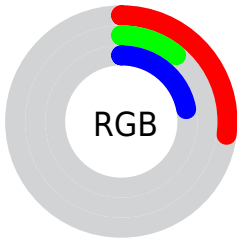
Format	Color
RYB	69, 28, 56
Decimal	4529208
CIELab	17.37, 23.81, -9.01
CIElCh	17, 25.457, 339.263
Yxy	2.3812, 0.3592, 0.2387
Android (android.graphics.Color)	4282719288 (0xFF451C38)
YUV	43.4510, 6.1867, 22.4065
Hunter-Lab	15.4313, 14.4449, -4.6136

Details

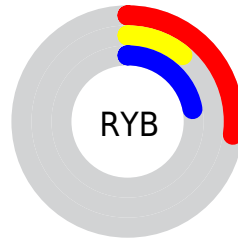
The Hex color **451C38** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1C4529**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **774A67**, and **17000B** is the 20% darker color. If you saturate the color by 10%, you get **451536**, and if you desaturate by 10%, it is **45233A**.

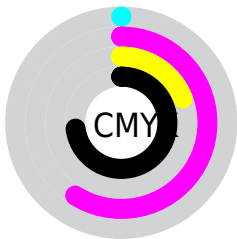
Distribution



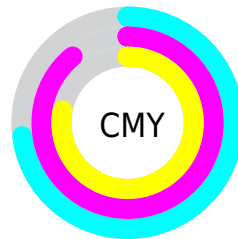
- Red (27%)
- Green (11%)
- Blue (22%)



- Red (27%)
- Yellow (11%)
- Blue (22%)



- Cyan (0%)
- Magenta (59%)
- Yellow (19%)
- Black (73%)



- Cyan (73%)
- Magenta (89%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 451C38 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 451C38 by changing the saturation by 10% instead.



451C38



451C38

FFFFFF



2E0623



774A67



17000B



916280



000000



AC7B9A



C795B5



E4B0D0



FCCCED



FFE8FF



451C38



451C38

■ 451536

■ 45233A

■ 450E34

■ 452A3C

■ 450731

■ 45313F

■ 45002F

■ 453841

■ 453F43

■ 454545

■ 454C47

■ 45534A

■ 455A4C

Harmonies

Analogous

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



332347



451C38



4C1926

Triad

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



451C38



2F2C00



003341

Complementary

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



451C38



1C4529

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.



003330



451C38



1B300C

Square

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



451C38



3F2504



00331D



00304D

Rectangle

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



451C38



4B1C1A



00331D



00333C

Sweetspot

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



451C38



594954



291C45



2E242B



ADADAD



2E2E2E

Same Dimension

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



451C38



591A45



451C24



242023



630044



E3009B

Inverse Universe

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



451C38



591A45



1C453D



242023



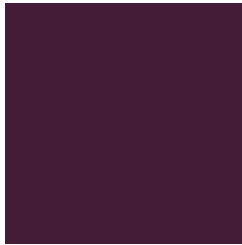
630044



E3009B

Previews

White Background



This preview shows how the Hex color 451C38 looks on a white background.

Color Contrast Check

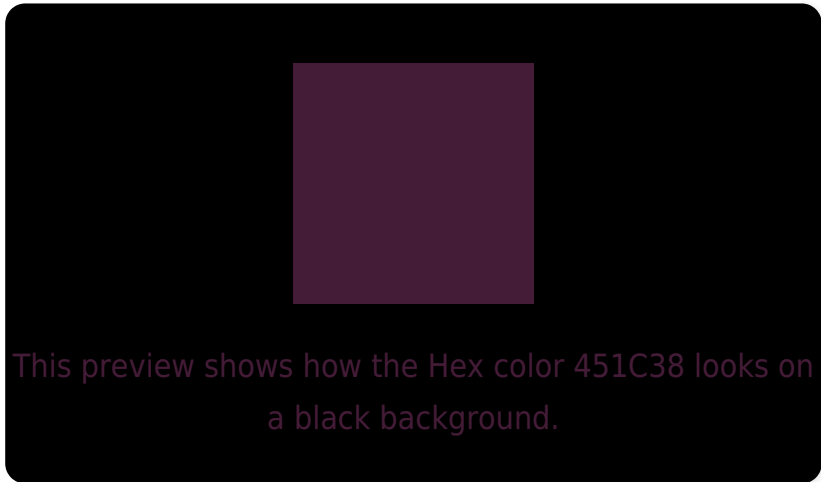
Large Text (above 18pt) WCAG AA ✓ Pass

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

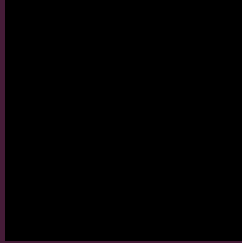
Any Text WCAG AA × Fail

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 451C38 Background



This preview shows how black text looks on a background with the Hex color 451C38.



This preview shows how white text looks on a background with the Hex color 451C38.

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
451C38

Protanopia
232B43

Deuteranopia
2B2B36



Tritanopia
432123

Trichromacy



Original Color
451C38

Protanomaly
2F263F

Deuteranomaly
342637

Tritanomaly
441F2B

Monochromacy



Original Color
451C38

Achromatopsia
2B2B2B

Achromatomaly
342630

CSS Examples

Text

The CSS property to change the color of the text to Hex 451C38 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 #451C38 looks like.

```
.text, #text, p{  
    color:#451C38  
}
```

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 #451C38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #451C38
}
```

Border

The CSS property to change the border of an element to Hex 451C38 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
#451C38 }
```

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

```
.border{ border-color:#451C38 }
```

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

Here you see how a box with a 4 pixel #451C38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #451C38; -webkit-box-shadow:4px 4px  
4px 4px #451C38; box-shadow:4px 4px 4px  
4px #451C38 }
```

Background

The CSS property to change the background color of an element to Hex 451C38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#451C38 }
```

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

```
.background{ background-color:#451C38 }
```

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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