

Converting Colors

Hex(451725)

Have a look what the booklet for
Hex(451725) contains.

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Color

Hex(451725)

Conversions

Conversions Part 1

Format	Color
Hex	451725
RGB	69, 23, 37
RGB Percent	27%, 9%, 15%
CMY	0.7294, 0.9098, 0.8549
CMYK	0.00, 0.67, 0.46, 0.73
HSL	342°, 50%, 18%
HSV	342°, 67%, 27%
XYZ	3.0946, 2.0116, 1.9754
YIQ	38.3500, 22.9220, 14.1060

Conversions

Conversions Part 2

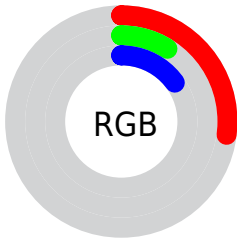
Format	Color
RYB	69, 23, 37
Decimal	4527909
CIELab	15.55, 23.68, 1.84
CIELCh	16, 23.747, 4.444
Yxy	2.0116, 0.4370, 0.2841
Android (android.graphics.Color)	4282717989 (0xFF451725)
YUV	38.3500, -0.6655, 26.8801
Hunter-Lab	14.1830, 14.1264, 1.6701

Details

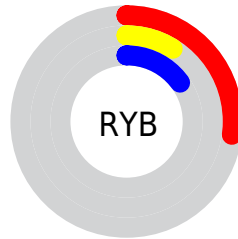
The Hex color **451725** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **174537**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **784551**, and **0C0000** is the 20% darker color. If you saturate the color by 10%, you get **451020**, and if you desaturate by 10%, it is **451E2A**.

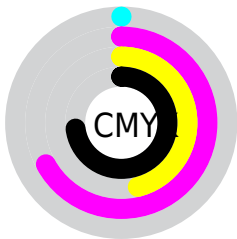
Distribution



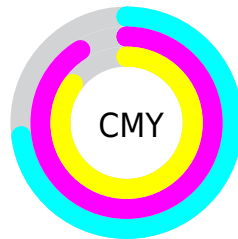
- Red (27%)
- Green (9%)
- Blue (15%)



- Red (27%)
- Yellow (9%)
- Blue (15%)



- Cyan (0%)
- Magenta (67%)
- Yellow (46%)
- Black (73%)



- Cyan (73%)
- Magenta (91%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 451725 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 451725 by changing the saturation by 10% instead.

 451725

 451725

FFFFFF

 2E0010

 784551

 0C0000

 925D6A

 000000

 AD7683

 C9909D

 E6AAB8

 FFC6D3

 FFE2F0

 451725

 451725

■ 451020

■ 451E2A

■ 45091B

■ 45252F

■ 450217

■ 452C33

■ 450015

■ 453338

■ 453A3D

■ 454042

■ 454747

■ 454E4B

■ 455550

Harmonies

Analogous

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



3D1A36



451725



441A15

Triad

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



451725



1C2B07



002C45

Complementary

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



451725



174537

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.



002F39



451725



012E18

Square

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



451725



2E2700



002F29



042848

Rectangle

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



451725



3F1E09



002F29



002D42

Sweetspot

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



451725



59474D



361745



2E2326



ADADAD



2E2E2E

Same Dimension

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



451725



591228



451F17



242021



63001E



E30045

Inverse Universe

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



451725



591228



173D45



242021



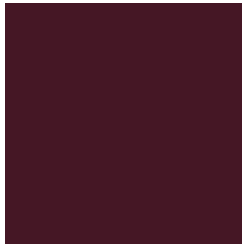
63001E



E30045

Previews

White Background



This preview shows how the Hex color 451725 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

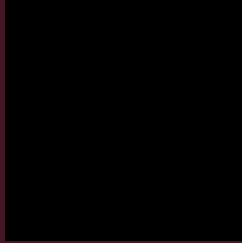
Any Text WCAG AA × Fail

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 451725 Background



This preview shows how black text looks on a background with the Hex color 451725.



This preview shows how white text looks on a background with the Hex color 451725.

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
451725

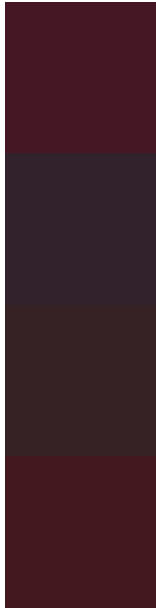
Protanopia
27282E

Deuteranopia
2E2723



Tritanopia
44191B

Trichromacy



Original Color
451725

Protanomaly
32222B

Deuteranomaly
362124

Tritanomaly
44181F

Monochromacy



Original Color
451725

Achromatopsia
262626

Achromatomaly
312126

CSS Examples

Text

The CSS property to change the color of the text to Hex 451725 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 #451725 looks like.

```
.text, #text, p{  
    color:#451725  
}
```

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 #451725 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #451725
}
```

Border

The CSS property to change the border of an element to Hex 451725 is called "border". The border property can be set on classes, ids or directly on the HTML element.

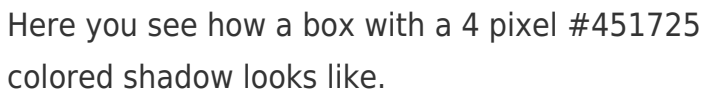
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#451725 }
```

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

```
.border{ border-color:#451725 }
```

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



Here you see how a box with a 4 pixel #451725 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #451725; -webkit-box-shadow:4px 4px  
4px 4px #451725; box-shadow:4px 4px 4px  
4px #451725 }
```

Background

The CSS property to change the background color of an element to Hex 451725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#451725 }
```

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

```
.background{ background-color:#451725 }
```

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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