

Converting Colors

Hex(451000)

Have a look what the booklet for
Hex(451000) contains.

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Color

Hex(451000)

Conversions

Conversions Part 1

Format	Color
Hex	451000
RGB	69, 16, 0
RGB Percent	27%, 6%, 0%
CMY	0.7294, 0.9373, 1.0000
CMYK	0.00, 0.77, 1.00, 0.73
HSL	14°, 100%, 14%
HSV	14°, 100%, 27%
XYZ	2.6395, 1.6358, 0.1766
YIQ	30.0230, 36.7240, 6.2600

Conversions

Conversions Part 2

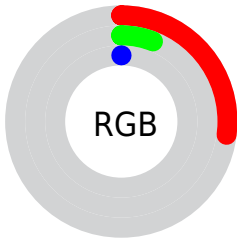
Format	Color
RYB	69, 21, 0
Decimal	4526080
CIELab	13.45, 24.49, 20.66
CIELCh	13, 32.038, 40.148
Yxy	1.6358, 0.5929, 0.3674
Android (android.graphics.Color)	4282716160 (0xFF451000)
YUV	30.0230, -14.8013, 34.1828
Hunter-Lab	12.7898, 14.4563, 8.1341

Details

The Hex color **451000** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **003545**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **7A3E2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **451000**, and if you desaturate by 10%, it is **451507**.

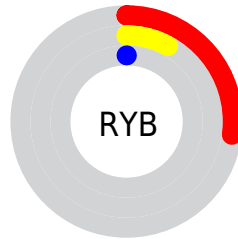
Distribution



Red (27%)

Green (6%)

Blue (0%)



Red (27%)

Yellow (8%)

Blue (0%)

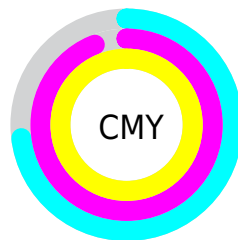


Cyan (0%)

Magenta (77%)

Yellow (100%)

Black (73%)



Cyan (73%)

Magenta (94%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 451000 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 451000 by changing the saturation by 10% instead.

 451000

 451000

 FFF7E2

 2C0000

 7A3E2F

 000000

 955646

 B16F5D

 CE8876

 EBA390

 FFBEEA

 FFDAC6

 451000

■ 451507

■ 451B0E

■ 452015

■ 45251C

■ 452B23

■ 453029

■ 453530

■ 453A37

■ 45403E

Harmonies

Analogous

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



49061C



451000



381C00

Triad

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



451000



002B12



00234F

Complementary

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



451000



003545

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.



00294D



451000



002C2A

Square

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



451000



0E2900



002C3F



2C1845

Rectangle

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



451000



2C2200



002C3F



002550

Sweetspot

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



451000



59453E



450036



2E211D



ADADAD



2E2E2E

Same Dimension

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



451000



591500



453100



242120



631700



E33500

Inverse Universe

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



003545



004559



001445



202324



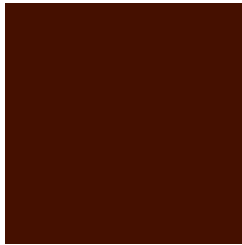
004C63



00AEE3

Previews

White Background



This preview shows how the Hex color 451000 looks on a white background.

Color Contrast Check

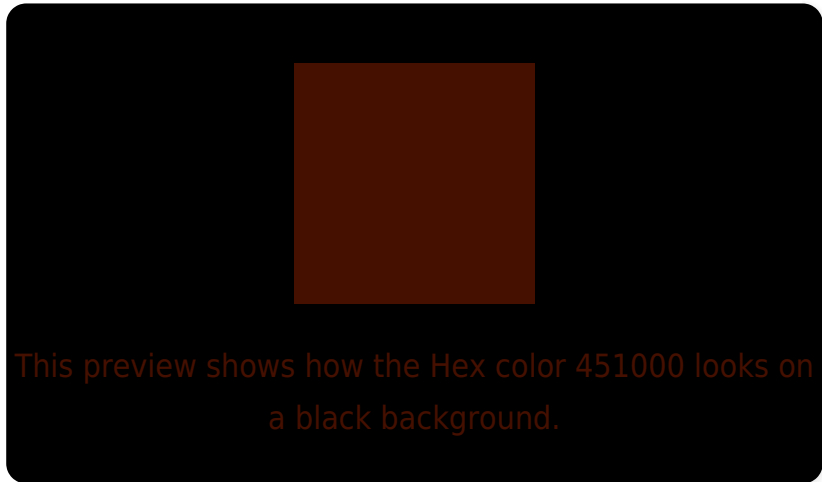
Large Text (above 18pt) WCAG AA ✓ Pass

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

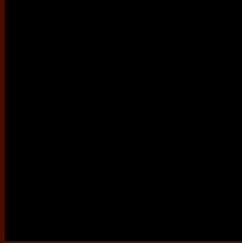
Any Text WCAG AA × Fail

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 451000 Background



This preview shows how black text looks on a background with the Hex color 451000.

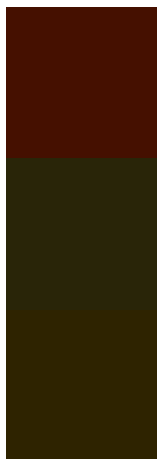


This preview shows how white text looks on a background with the Hex color 451000.

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
451000

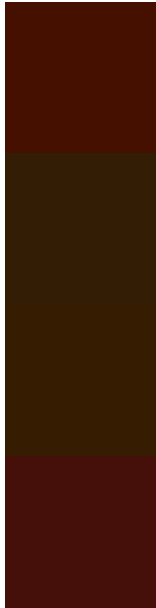
Protanopia
292508

Deuteranopia
2E2300



Tritanopia
450F0F

Trichromacy



Original Color
451000

Protanomaly
331D05

Deuteranomaly
361C00

Tritanomaly
450F0A

Monochromacy



Original Color
451000

Achromatopsia
1E1E1E

Achromatomaly
2C1913

CSS Examples

Text

The CSS property to change the color of the text to Hex 451000 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 #451000 looks like.

```
.text, #text, p{  
    color:#451000  
}
```

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 #451000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #451000
}
```

Border

The CSS property to change the border of an element to Hex 451000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

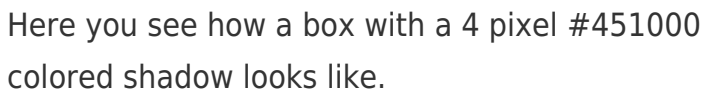
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#451000 }
```

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

```
.border{ border-color:#451000 }
```

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



Here you see how a box with a 4 pixel #451000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #451000; -webkit-box-shadow:4px 4px  
4px 4px #451000; box-shadow:4px 4px 4px  
4px #451000 }
```

Background

The CSS property to change the background color of an element to Hex 451000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#451000 }
```

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

```
.background{ background-color:#451000 }
```

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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