

# Converting Colors

Hex(451415)

Have a look what the booklet for  
Hex(451415) contains.

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**Color**

**Hex(451415)**

# Conversions

## Conversions Part 1

Format	Color
Hex	451415
RGB	69, 20, 21
RGB Percent	27%, 8%, 8%
CMY	0.7294, 0.9216, 0.9176
CMYK	0.00, 0.71, 0.70, 0.73
HSL	359°, 55%, 17%
HSV	359°, 71%, 27%
XYZ	2.8398, 1.8197, 0.9110
YIQ	34.7650, 28.8830, 10.6990

# Conversions

## Conversions Part 2

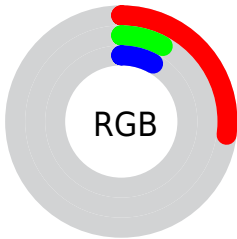
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 20, 21
Decimal	4527125
CIELab	14.51, 23.64, 11.99
CIELCh	15, 26.503, 26.893
Yxy	1.8197, 0.5098, 0.3267
Android (android.graphics.Color)	4282717205 (0xFF451415)
YUV	34.7650, -6.7861, 30.0241
Hunter-Lab	13.4895, 13.9705, 5.4384

# Details

The Hex color **451415** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **144544**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **79423F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **450D0E**, and if you desaturate by 10%, it is **451B1C**.

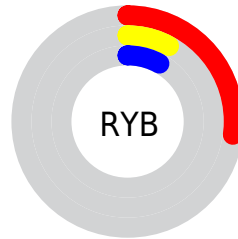
# Distribution



 Red (27%)

 Green (8%)

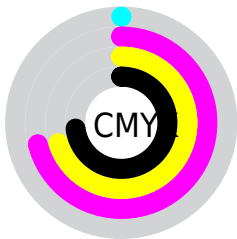
 Blue (8%)



 Red (27%)

 Yellow (8%)

 Blue (8%)

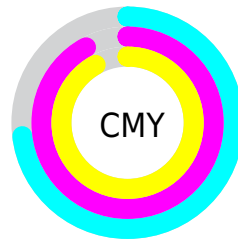


 Cyan (0%)

 Magenta (71%)

 Yellow (70%)

 Black (73%)



 Cyan (73%)

 Magenta (92%)

 Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 451415 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 451415 by changing the saturation by 10% instead.



 451415

 451415

 FFFBF6

 2E0000

 79423F

 000000

 945A56

 B0726F

 CC8C88

 E9A7A2

 FFC2BD

 FFDED9

 451415

 451415

■ 450D0E

■ 451B1C

■ 450607

■ 452223

■ 450001

■ 452929

■ 453030

■ 453637

■ 453D3E

■ 454444

■ 454B4B

■ 455252

# Harmonies

## Analogous

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



441227



451415



3E1C00

# Triad

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



451415



022C0F



00274A

# Complementary

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



451415



144544

# 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.



002C44



451415



002D22

# Square

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



451415



1F2800



002D35



202146

# Rectangle

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



451415



352100



002D35



002949



# Sweetspot

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



451415



594747



431445



2E2223



ADADAD



2E2E2E



# Same Dimension

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



451415



590D0F



452B14



242020



630002



E30005



# Inverse Universe

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



451415



590D0F



142E45



242020



630002

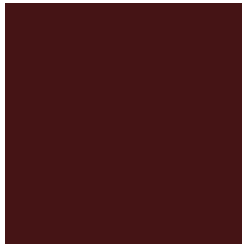


E30005



# Previews

## White Background



This preview shows how the Hex color 451415 looks on a white background.

## Color Contrast Check

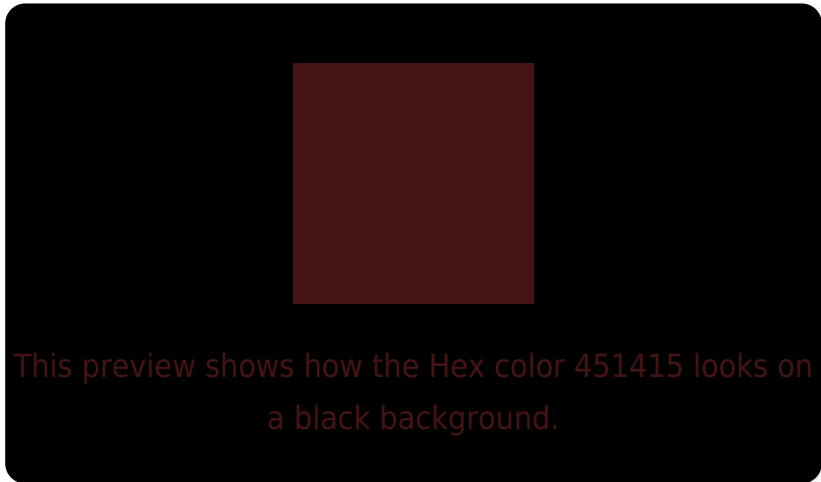
Large Text (above 18pt) WCAG AA ✓ Pass

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

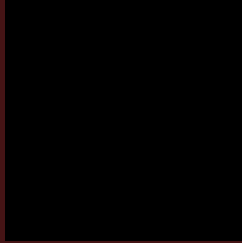
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 451415 Background



This preview shows how black text looks on a background with the Hex color 451415.



This preview shows how white text looks on a background with the Hex color 451415.

# 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**  
451415

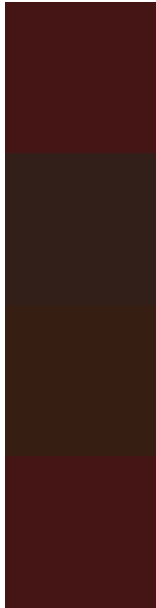
**Protanopia**  
29261C

**Deuteranopia**  
2F2412



**Tritanopia**  
451415

# Trichromacy



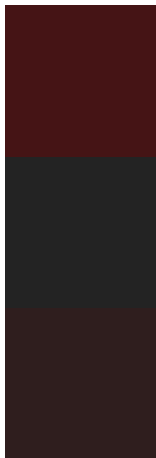
**Original Color**  
451415

**Protanomaly**  
331F19

**Deuteranomaly**  
371E13

**Tritanomaly**  
451415

# Monochromacy



**Original Color**  
451415

**Achromatopsia**  
232323

**Achromatomaly**  
2F1E1E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 451415 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 #451415 looks like.

```
.text, #text, p{  
    color:#451415  
}
```

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 #451415 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #451415
}
```

## Border

The CSS property to change the border of an element to Hex 451415 is called "border". The border property can be set on classes, ids or directly on the HTML element.

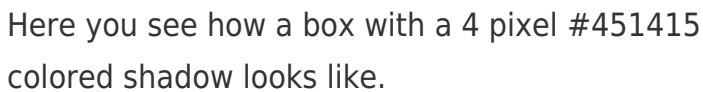
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#451415 }
```

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

```
.border{ border-color:#451415 }
```

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



Here you see how a box with a 4 pixel #451415 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #451415; -webkit-box-shadow:4px 4px  
4px 4px #451415; box-shadow:4px 4px 4px  
4px #451415 }
```

# Background

The CSS property to change the background color of an element to Hex 451415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#451415 }
```

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

```
.background{ background-color:#451415 }
```

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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