

# Converting Colors

Hex(451014)

Have a look what the booklet for  
Hex(451014) contains.

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**Color**

**Hex(451014)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	451014
RGB	69, 16, 20
RGB Percent	27%, 6%, 8%
CMY	0.7294, 0.9373, 0.9216
CMYK	0.00, 0.77, 0.71, 0.73
HSL	355°, 62%, 17%
HSV	355°, 77%, 27%
XYZ	2.7658, 1.6863, 0.8415
YIQ	32.3030, 30.3040, 12.4800

# Conversions

## Conversions Part 2

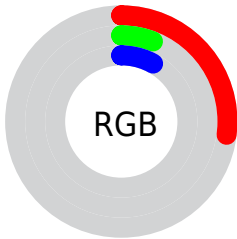
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 16, 20
Decimal	4526100
CIELab	13.75, 25.57, 11.66
CIELCh	14, 28.108, 24.518
Yxy	1.6863, 0.5225, 0.3186
Android (android.graphics.Color)	4282716180 (0xFF451014)
YUV	32.3030, -6.0654, 32.1833
Hunter-Lab	12.9858, 15.2932, 5.2478

# Details

The Hex color **451014** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **104541**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **793E3E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **45090E**, and if you desaturate by 10%, it is **45171A**.

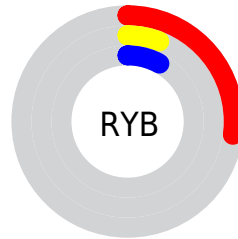
# Distribution



Red (27%)

Green (6%)

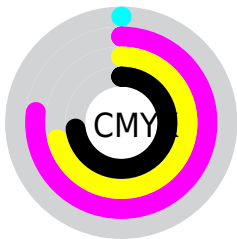
Blue (8%)



Red (27%)

Yellow (6%)

Blue (8%)

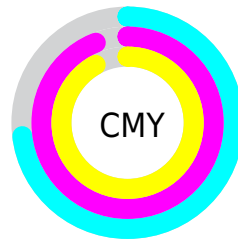


Cyan (0%)

Magenta (77%)

Yellow (71%)

Black (73%)



Cyan (73%)

Magenta (94%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 451014 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 451014 by changing the saturation by 10% instead.



 451014

 451014

 FFF7F4

 2E0000

 793E3E

 000000

 945655

 B06F6E

 CC8987

 E9A3A1

 FFBFBC

 FFDBD8

 451014

 451014

■ 45090E

■ 45171A

■ 450207

■ 451E21

■ 450005

■ 452527

■ 452C2E

■ 453334

■ 45393A

■ 454041

■ 454747

■ 454E4D

# Harmonies

## Analogous

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



440E28



451014



3E1800

# Triad

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



451014



012A08



00274A

# Complementary

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



451014



104541

# 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.



002A43



451014



002C1F

# Square

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



451014



1E2700



002C33



1B1F47

# Rectangle

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



451014



351E00



002C33



002849



# Sweetspot

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



451014



594546



411045



2E2122



ADADAD



2E2E2E



# Same Dimension

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



451014



59070D



452610



242020



630008



E30011



# Inverse Universe

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



451014



59070D



102F45



242020



630008

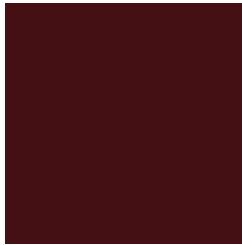


E30011



# Previews

## White Background



This preview shows how the Hex color 451014 looks on a white background.

## Color Contrast Check

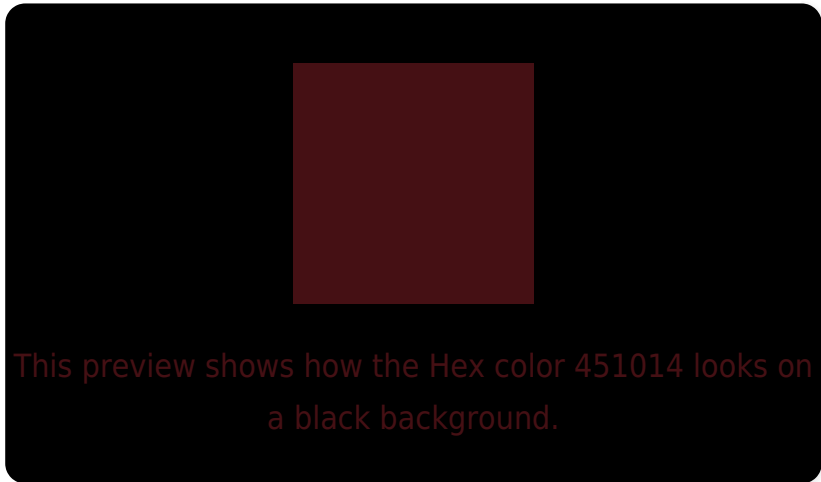
Large Text (above 18pt) WCAG AA ✓ Pass

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

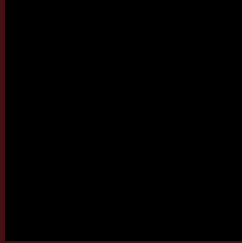
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 451014 Background



This preview shows how black text looks on a background with the Hex color 451014.



This preview shows how white text looks on a background with the Hex color 451014.

# 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**  
451014

**Protanopia**  
28251B

**Deuteranopia**  
2E2311



**Tritanopia**  
451111

# Trichromacy



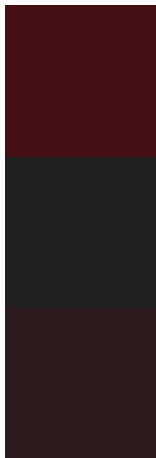
**Original Color**  
451014

**Protanomaly**  
331D18

**Deuteranomaly**  
361C12

**Tritanomaly**  
451112

# Monochromacy



**Original Color**  
451014

**Achromatopsia**  
202020

**Achromatomaly**  
2D1A1C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 451014 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 #451014 looks like.

```
.text, #text, p{  
    color:#451014  
}
```

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 #451014 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #451014
}
```

## Border

The CSS property to change the border of an element to Hex 451014 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".

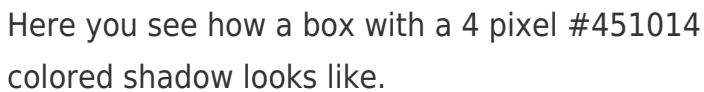
```
.border, #border, table{ border:4px solid
#451014 }
```

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

```
.border{ border-color:#451014 }
```

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

Here you see how a box with a 4 pixel #451014 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #451014; -webkit-box-shadow:4px 4px  
4px 4px #451014; box-shadow:4px 4px 4px  
4px #451014 }
```

# Background

The CSS property to change the background color of an element to Hex 451014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#451014 }
```

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

```
.background{ background-color:#451014 }
```

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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