

Converting Colors

Hex(50451C)

Have a look what the booklet for
Hex(50451C) contains.

Hex(50451C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(50451C)

Conversions

Conversions Part 1

Format	Color
Hex	50451C
RGB	80, 69, 28
RGB Percent	31%, 27%, 11%
CMY	0.6863, 0.7294, 0.8902
CMYK	0.00, 0.14, 0.65, 0.69
HSL	47°, 48%, 21%
HSV	47°, 65%, 31%
XYZ	5.6460, 6.0456, 1.9679
YIQ	67.6150, 19.7170, -10.4190

Conversions

Conversions Part 2

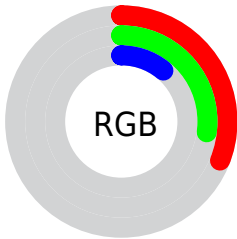
Format	Color
R_{YB}	42, 80, 28
Decimal	5260572
CIE Lab	29.53, -1.15, 26.01
CIE LCh	30, 26.034, 92.524
Yxy	6.0456, 0.4133, 0.4426
Android (android.graphics.Color)	4283450652 (0xFF50451C)
YUV	67.6150, -19.5302, 10.8616
Hunter-Lab	24.5877, -2.0402, 12.4660

Details

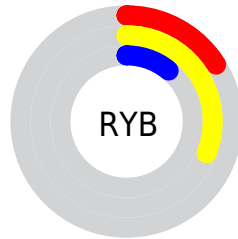
The Hex color **50451C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1C2750**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **837549**, and **211A00** is the 20% darker color. If you saturate the color by 10%, you get **504314**, and if you desaturate by 10%, it is **504724**.

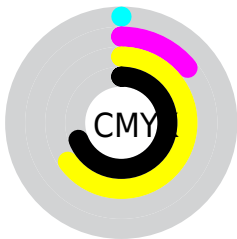
Distribution



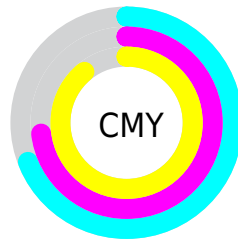
- Red (31%)
- Green (27%)
- Blue (11%)



- Red (16%)
- Yellow (31%)
- Blue (11%)



- Cyan (0%)
- Magenta (14%)
- Yellow (65%)
- Black (69%)



- Cyan (69%)
- Magenta (73%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50451C 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 50451C by changing the saturation by 10% instead.

 50451C

 50451C

FFFFFF

 382F04

 837549

 211A00

 9E8F62

 000000

 B9A97B

 D5C495

 F2E0B0

 FFFDCB

 FFFFE7

 50451C

 50451C

■ 504314

■ 504724

■ 50420C

■ 50482C

■ 504004

■ 504A34

■ 503F00

■ 504C3C

■ 504D44

■ 504F4C

■ 505154

■ 50535C

■ 505464

Harmonies

Analogous

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



603E22



50451C



3B4B22

Triad

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



50451C



004F5B



603859

Complementary

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



50451C



1C2750

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.



494068



50451C



004D69

Square

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



50451C



005047



26476E



6B3545

Rectangle

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



50451C



2B4D2C



26476E



5A3A5E

Sweetspot

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



50451C



696454



501C27



363329



B5B5B5



363636

Same Dimension

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



50451C



695717



41501C



292825



695200



E8B700

Inverse Universe

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



1C2750



172869



2B1C50



252629



001669



0031E8

Previews

White Background



This preview shows how the Hex color 50451C looks on a white background.

Color Contrast Check

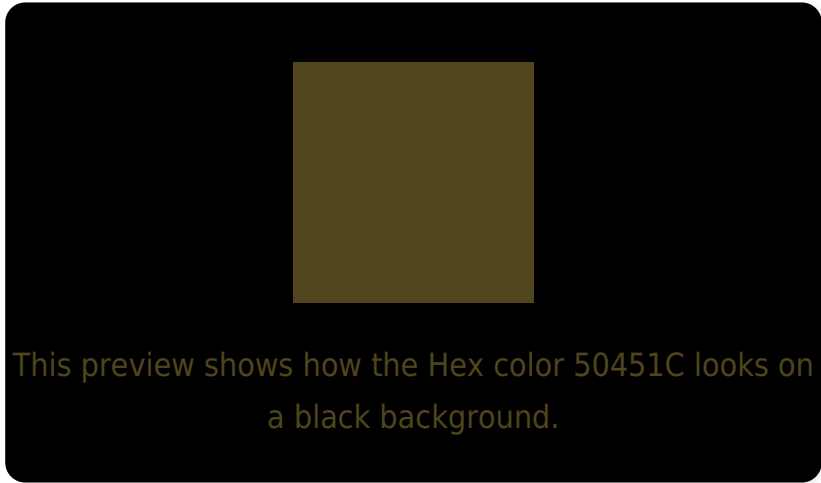
Large Text (above 18pt) WCAG AA ✓ Pass

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

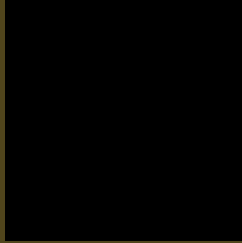
Any Text WCAG AA × Fail

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 50451C Background



This preview shows how black text looks on a background with the Hex color 50451C.



This preview shows how white text looks on a background with the Hex color 50451C.

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](#).

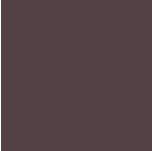
Dichromacy



Original Color
50451C

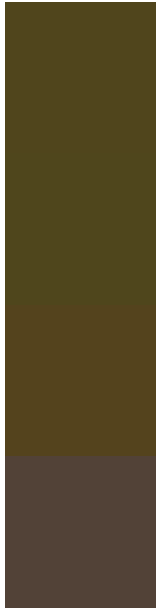
Protanopia
4E461C

Deuteranopia
57421D



Tritanopia
534146

Trichromacy



Original Color
50451C

Protanomaly
4F461C

Deuteranomaly
54431D

Tritanomaly
524237

Monochromacy



Original Color
50451C

Achromatopsia
444444

Achromatomaly
484435

CSS Examples

Text

The CSS property to change the color of the text to Hex 50451C 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 #50451C looks like.

```
.text, #text, p{  
    color:#50451C  
}
```

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 #50451C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50451C
}
```

Border

The CSS property to change the border of an element to Hex 50451C is called "border". The border property can be set on classes, ids or directly on the HTML element.

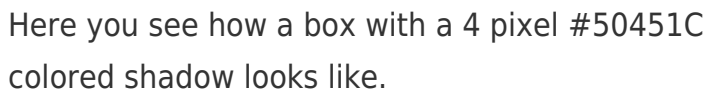
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50451C }
```

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

```
.border{ border-color:#50451C }
```

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



Here you see how a box with a 4 pixel #50451C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50451C; -webkit-box-shadow:4px 4px  
4px 4px #50451C; box-shadow:4px 4px 4px  
4px #50451C }
```

Background

The CSS property to change the background color of an element to Hex 50451C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50451C }
```

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

```
.background{ background-color:#50451C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor