

Converting Colors

Hex(50471B)

Have a look what the booklet for
Hex(50471B) contains.

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Color

Hex(50471B)

Conversions

Conversions Part 1

Format	Color
Hex	50471B
RGB	80, 71, 27
RGB Percent	31%, 28%, 11%
CMY	0.6863, 0.7216, 0.8941
CMYK	0.00, 0.11, 0.66, 0.69
HSL	50°, 50%, 21%
HSV	50°, 66%, 31%
XYZ	5.7593, 6.2911, 1.9477
YIQ	68.6750, 19.4880, -11.7760

Conversions

Conversions Part 2

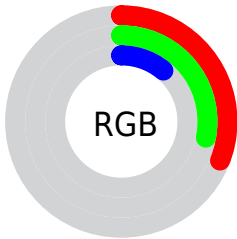
Format	Color
R_{YB}	38, 80, 27
Decimal	5261083
CIE _{Lab}	30.14, -2.47, 27.24
CIE _{LCh}	30, 27.350, 95.184
Yxy	6.2911, 0.4114, 0.4494
Android (android.graphics.Color)	4283451163 (0xFF50471B)
YUV	68.6750, -20.5458, 9.9320
Hunter-Lab	25.0820, -2.9064, 12.9535

Details

The Hex color **50471B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1B2450**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **837749**, and **211C00** is the 20% darker color. If you saturate the color by 10%, you get **504613**, and if you desaturate by 10%, it is **504823**.

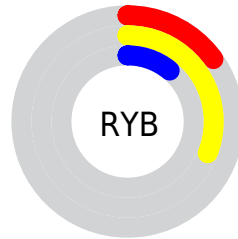
Distribution



Red (31%)

Green (28%)

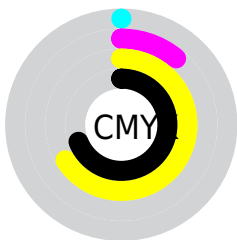
Blue (11%)



Red (15%)

Yellow (31%)

Blue (11%)

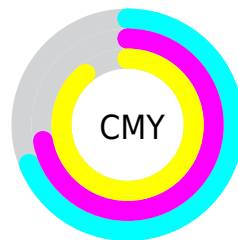


Cyan (0%)

Magenta (11%)

Yellow (66%)

Black (69%)



Cyan (69%)

Magenta (72%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50471B 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 50471B by changing the saturation by 10% instead.

 50471B

 50471B

FFFFFF

 383103

 837749

 211C00

 9E9161

 000100

 B9AB7A

 000000

 D5C694

 F2E2AF

 FFFFCA

 FFFF7E

 50471B

 50471B

■ 504613

■ 504823

■ 50440B

■ 504A2B

■ 504303

■ 504B33

■ 504200

■ 504C3B

■ 504E43

■ 504F4B

■ 505153

■ 50525B

■ 505363

Harmonies

Analogous

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



623F20



50471B



3A4D23

Triad

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



50471B



00515F



643859

Complementary

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



50471B



1B2450

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.



4D406A



50471B



004E6D

Square

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



50471B



00524A



294871



6E3544

Rectangle

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



50471B



284F2E



294871



5E3A60

Sweetspot

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



50471B



696554



501B25



363329



B5B5B5



363636

Same Dimension

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



50471B



695A15



3F501B



292825



695700



E8C100

Inverse Universe

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



1B2450



152369



2C1B50



252529



001269



0027E8

Previews

White Background



This preview shows how the Hex color 50471B looks on a white background.

Color Contrast Check

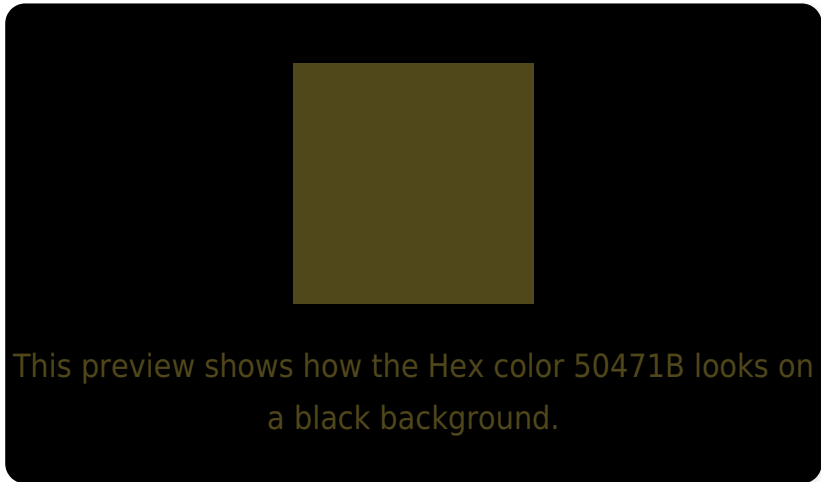
Large Text (above 18pt) WCAG AA ✓ Pass

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

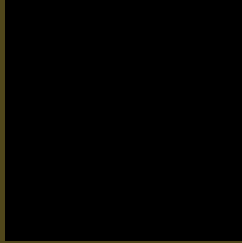
Any Text WCAG AA × Fail

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 50471B Background



This preview shows how black text looks on a background with the Hex color 50471B.



This preview shows how white text looks on a background with the Hex color 50471B.

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](#).

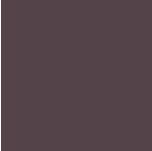
Dichromacy



Original Color
50471B

Protanopia
4F471B

Deuteranopia
58441C



Tritanopia
544348

Trichromacy



Original Color
50471B

Protanomaly
4F471B

Deuteranomaly
55451C

Tritanomaly
534438

Monochromacy



Original Color
50471B

Achromatopsia
454545

Achromatomaly
494636

CSS Examples

Text

The CSS property to change the color of the text to Hex 50471B 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 #50471B looks like.

```
.text, #text, p{  
    color:#50471B  
}
```

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 #50471B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50471B
}
```

Border

The CSS property to change the border of an element to Hex 50471B 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".

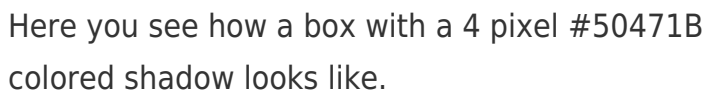
```
.border, #border, table{ border:4px solid
#50471B }
```

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

```
.border{ border-color:#50471B }
```

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

Here you see how a box with a 4 pixel #50471B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50471B; -webkit-box-shadow:4px 4px  
4px 4px #50471B; box-shadow:4px 4px 4px  
4px #50471B }
```

Background

The CSS property to change the background color of an element to Hex 50471B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50471B }
```

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

```
.background{ background-color:#50471B }
```

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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