

# Converting Colors

Hex(59471B)

Have a look what the booklet for  
Hex(59471B) contains.

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**Color**

**Hex(59471B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59471B
RGB	89, 71, 27
RGB Percent	35%, 28%, 11%
CMY	0.6510, 0.7216, 0.8941
CMYK	0.00, 0.20, 0.70, 0.65
HSL	43°, 53%, 23%
HSV	43°, 70%, 35%
XYZ	6.5709, 6.7095, 1.9856
YIQ	71.3660, 24.8520, -9.8680

# Conversions

## Conversions Part 2

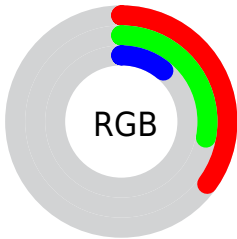
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 89, 27
Decimal	5850907
CIE Lab	31.14, 2.04, 28.63
CIE LCh	31, 28.698, 85.929
Yxy	6.7095, 0.4304, 0.4395
Android (android.graphics.Color)	4284040987 (0xFF59471B)
YUV	71.3660, -21.8724, 15.4650
Hunter-Lab	25.9026, -0.0483, 13.5868

# Details

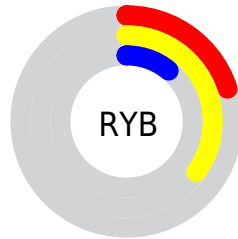
The Hex color **59471B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1B2D59**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **8D7749**, and **291C00** is the 20% darker color. If you saturate the color by 10%, you get **594412**, and if you desaturate by 10%, it is **594A24**.

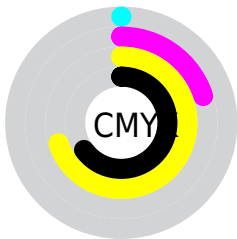
# Distribution



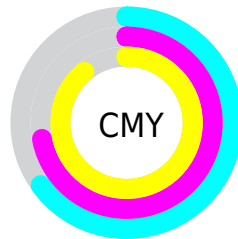
- Red (35%)
- Green (28%)
- Blue (11%)



- Red (20%)
- Yellow (35%)
- Blue (11%)



- Cyan (0%)
- Magenta (20%)
- Yellow (70%)
- Black (65%)



- Cyan (65%)
- Magenta (72%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59471B 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 59471B by changing the saturation by 10% instead.





59471B



59471B

FFFFFF



403103



8D7749



291C00



A89161



0C0200



C4AB7A



000000



E1C694



FEE2AF



FFFFCB



FFFFE7



59471B



59471B

■ 594412

■ 594A24

■ 594209

■ 594C2D

■ 593F00

■ 594F36

■ 59513F

■ 595448

■ 595750

■ 595959

■ 595C62

■ 595E6B

# Harmonies

## Analogous

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



6A3F25



59471B



434E1F

# Triad

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



59471B



00545C



623C63

# Complementary

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



59471B



1B2D59

# 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.



464572



59471B



00526E

# Square

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



59471B



005445



154D76



71364D

# Rectangle

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



59471B



315129



154D76



5A3F69



# Sweetspot

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



59471B



736C5B



591B2E



3B362C



BABABA



3B3B3B



# Same Dimension

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



59471B



735712



4D591B



2B2A27



6B4C00



EBA600



# Inverse Universe

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



1B2D59



122E73



271B59



27282B



001F6B



0044EB



# Previews

## White Background



This preview shows how the Hex color 59471B looks on a white background.

## Color Contrast Check

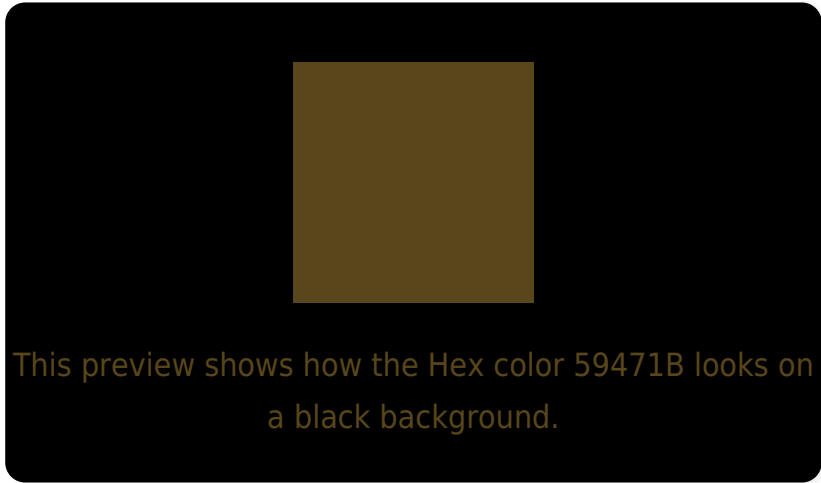
Large Text (above 18pt) WCAG AA ✓ Pass

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

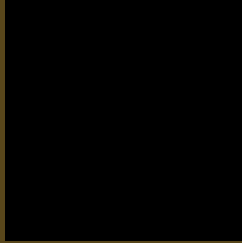
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 59471B Background



This preview shows how black text looks on a background with the Hex color 59471B.



This preview shows how white text looks on a background with the Hex color 59471B.

# 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**  
59471B

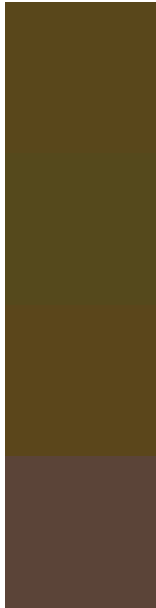
**Protanopia**  
524A1C

**Deuteranopia**  
5C461B



**Tritanopia**  
5C4348

# Trichromacy



**Original Color**  
59471B

**Protanomaly**  
55491C

**Deuteranomaly**  
5B461B

**Tritanomaly**  
5B4438

# Monochromacy



**Original Color**  
59471B

**Achromatopsia**  
474747

**Achromatomaly**  
4E4737

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59471B 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 #59471B looks like.

```
.text, #text, p{  
    color:#59471B  
}
```

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 #59471B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59471B
}
```

## Border

The CSS property to change the border of an element to Hex 59471B is called "border". The border property can be set on classes, ids or directly on the HTML element.

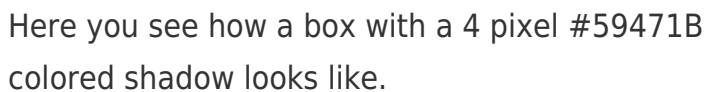
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#59471B }
```

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

```
.border{ border-color:#59471B }
```

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



Here you see how a box with a 4 pixel #59471B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59471B; -webkit-box-shadow:4px 4px  
4px 4px #59471B; box-shadow:4px 4px 4px  
4px #59471B }
```

# Background

The CSS property to change the background color of an element to Hex 59471B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59471B }
```

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

```
.background{ background-color:#59471B }
```

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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