

# Converting Colors

Hex(5B470F)

Have a look what the booklet for  
Hex(5B470F) contains.

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**Color**

**Hex(5B470F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B470F
RGB	91, 71, 15
RGB Percent	36%, 28%, 6%
CMY	0.6431, 0.7216, 0.9412
CMYK	0.00, 0.22, 0.84, 0.64
HSL	44°, 72%, 21%
HSV	44°, 84%, 36%
XYZ	6.6538, 6.7651, 1.4070
YIQ	70.5960, 29.8960, -13.1760

# Conversions

## Conversions Part 2

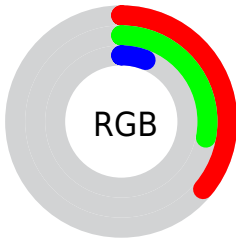
Format	Color
<a href="#">RYB</a>	<a href="#">42, 91, 15</a>
Decimal	<a href="#">5981967</a>
CIELab	<a href="#">31.27, 2.34, 34.56</a>
CIELCh	<a href="#">31, 34.639, 86.132</a>
Yxy	<a href="#">6.7651, 0.4488, 0.4563</a>
Android (android.graphics.Color)	<a href="#">4284172047 (0xFF5B470F)</a>
YUV	<a href="#">70.5960, -27.4088, 17.8943</a>
Hunter-Lab	<a href="#">26.0098, 0.1467, 14.9995</a>

# Details

The Hex color **5B470F** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0F235B**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **90773E**, and **291C00** is the 20% darker color. If you saturate the color by 10%, you get **5B4506**, and if you desaturate by 10%, it is **5B4918**.

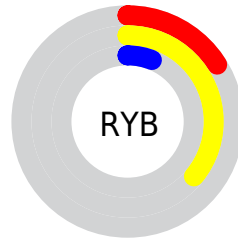
# Distribution



Red (36%)

Green (28%)

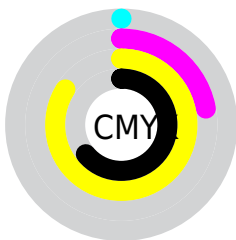
Blue (6%)



Red (16%)

Yellow (36%)

Blue (6%)

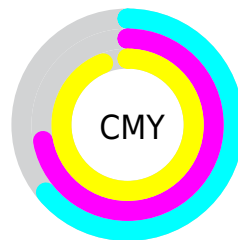


Cyan (0%)

Magenta (22%)

Yellow (84%)

Black (64%)



Cyan (64%)

Magenta (72%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B470F 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 5B470F by changing the saturation by 10% instead.



 5B470F

 5B470F

 FFFFF8

 423100

 90773E

 291C00

 AC9156

 0D0300

 C8AB6F

 000000

 E5C689

 FFE2A4

 FFFFBF

 FFFFDB

 5B470F

 5B470F

■ 5B4506

■ 5B4918

■ 5B4300

■ 5B4C21

■ 5B4E2A

■ 5B5133

■ 5B533D

■ 5B5546

■ 5B584F

■ 5B5A58

■ 5B5D61

# Harmonies

## Analogous

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



6F3D1D



5B470F



414F15

# Triad

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



5B470F



005661



673868

# Complementary

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



5B470F



0F235B

# 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.



44447A



5B470F



005476

# Square

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



5B470F



005645



004E80



78314E

# Rectangle

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



5B470F



2B5322



004E80



5E3C6F



# Sweetspot

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



5B470F



756E58



5B0F23



3B3629



BABABA



3B3B3B



# Same Dimension

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



5B470F



755600



495B0F



2E2D29



6E5100



EDAFA00



# Inverse Universe

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



0F235B



001F75



210F5B



292B2E



001D6E

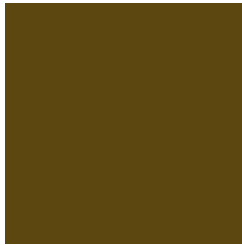


003EED



# Previews

## White Background



This preview shows how the Hex color 5B470F looks on a white background.

## Color Contrast Check

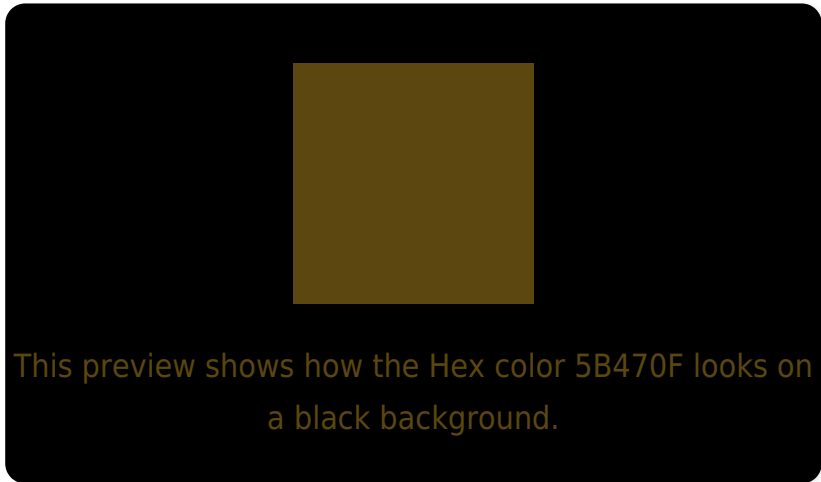
Large Text (above 18pt) WCAG AA ✓ Pass

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

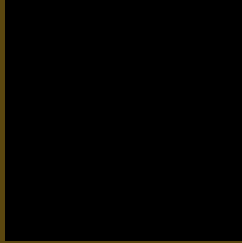
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B470F Background



This preview shows how black text looks on a background with the Hex color 5B470F.



This preview shows how white text looks on a background with the Hex color 5B470F.

# 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**  
5B470F

**Protanopia**  
534A10

**Deuteranopia**  
5D4610



**Tritanopia**  
5E4247

# Trichromacy



**Original Color**  
5B470F

**Protanomaly**  
564910

**Deuteranomaly**  
5C4610

**Tritanomaly**  
5D4433

# Monochromacy



**Original Color**  
5B470F

**Achromatopsia**  
474747

**Achromatomaly**  
4E4733

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B470F 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 #5B470F looks like.

```
.text, #text, p{  
    color:#5B470F  
}
```

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 #5B470F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B470F
}
```

## Border

The CSS property to change the border of an element to Hex 5B470F is called "border". The border property can be set on classes, ids or directly on the HTML element.

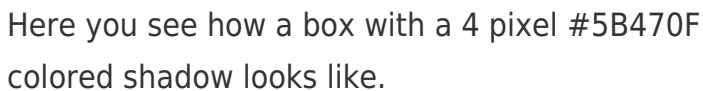
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B470F }
```

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

```
.border{ border-color:#5B470F }
```

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



Here you see how a box with a 4 pixel #5B470F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B470F; -webkit-box-shadow:4px 4px  
4px 4px #5B470F; box-shadow:4px 4px 4px  
4px #5B470F }
```

# Background

The CSS property to change the background color of an element to Hex 5B470F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B470F }
```

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

```
.background{ background-color:#5B470F }
```

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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