

# Converting Colors

Hex(53471A)

Have a look what the booklet for  
Hex(53471A) contains.

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**Color**

**Hex(53471A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	53471A
RGB	83, 71, 26
RGB Percent	33%, 28%, 10%
CMY	0.6745, 0.7216, 0.8980
CMYK	0.00, 0.14, 0.69, 0.67
HSL	47°, 52%, 21%
HSV	47°, 69%, 33%
XYZ	6.0070, 6.4201, 1.8999
YIQ	69.4580, 21.5970, -11.4510

# Conversions

## Conversions Part 2

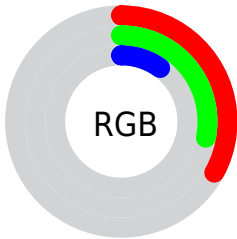
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 83, 26
Decimal	5457690
CIE Lab	30.45, -1.05, 28.21
CIE LCh	30, 28.229, 92.123
Yxy	6.4201, 0.4193, 0.4481
Android (android.graphics.Color)	4283647770 (0xFF53471A)
YUV	69.4580, -21.4248, 11.8763
Hunter-Lab	25.3378, -2.0233, 13.2908

# Details

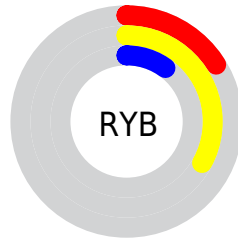
The Hex color **53471A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1A2653**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **867748**, and **241C00** is the 20% darker color. If you saturate the color by 10%, you get **534512**, and if you desaturate by 10%, it is **534922**.

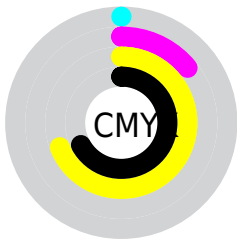
# Distribution



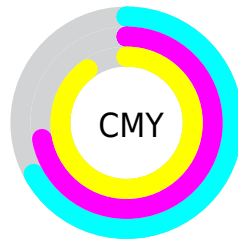
- Red (33%)
- Green (28%)
- Blue (10%)



- Red (16%)
- Yellow (33%)
- Blue (10%)



- Cyan (0%)
- Magenta (14%)
- Yellow (69%)
- Black (67%)



- Cyan (67%)
- Magenta (72%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53471A 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 53471A by changing the saturation by 10% instead.



 53471A

 53471A

FFFFFF

 3B3102

 867748

 241C00

 A19160

 000200

 BDAB79

 000000

 D9C693

 F6E2AE

 FFFFC9

 FFFFEE

 53471A

 53471A

■ 534512

■ 534922

■ 534409

■ 534A2B

■ 534201

■ 534C33

■ 534200

■ 534E3B

■ 535044

■ 53514C

■ 535354

■ 53555C

■ 535765

# Harmonies

## Analogous

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



653F21



53471A



3C4D21

# Triad

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



53471A



00525E



64395D

# Complementary

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



53471A



1A2653

# 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.



4B416D



53471A



004F6E

# Square

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



53471A



005349



224974



703547

# Rectangle

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



53471A



2A502C



224974



5D3C63



# Sweetspot

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



53471A



6B6655



531A26



363328



B5B5B5



363636



# Same Dimension

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



53471A



6B5913



43531A



292825



695300



E8B700



# Inverse Universe

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



1A2653



13266B



2A1A53



252629



001669

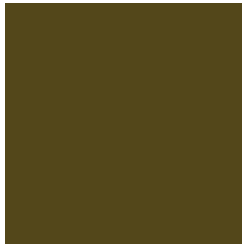


0031E8



# Previews

## White Background



This preview shows how the Hex color 53471A looks on a white background.

## Color Contrast Check

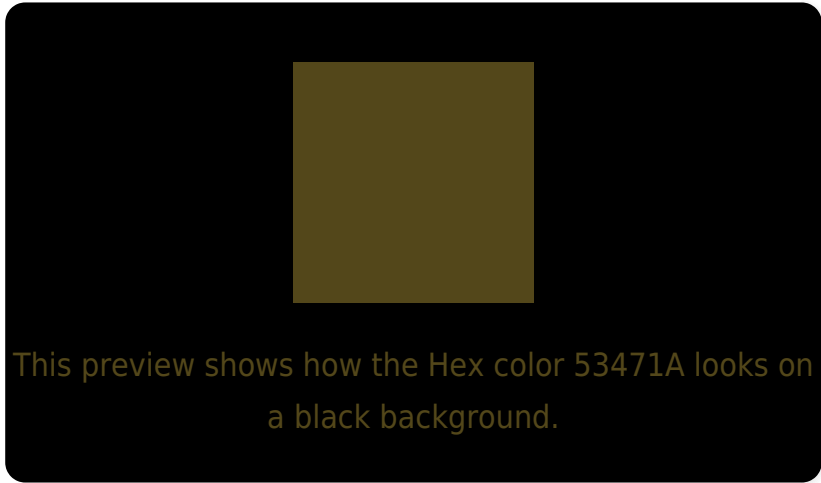
Large Text (above 18pt) WCAG AA ✓ Pass

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

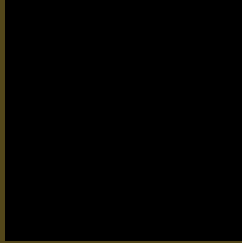
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 53471A Background



This preview shows how black text looks on a background with the Hex color 53471A.



This preview shows how white text looks on a background with the Hex color 53471A.

# 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**  
53471A

**Protanopia**  
50481A

**Deuteranopia**  
5A441B



**Tritanopia**  
574248

# Trichromacy



**Original Color**  
53471A

**Protanomaly**  
51481A

**Deuteranomaly**  
57451B

**Tritanomaly**  
564437

# Monochromacy



**Original Color**  
53471A

**Achromatopsia**  
454545

**Achromatomaly**  
4A4635

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53471A 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 #53471A looks like.

```
.text, #text, p{  
    color:#53471A  
}
```

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 #53471A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53471A
}
```

## Border

The CSS property to change the border of an element to Hex 53471A 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".

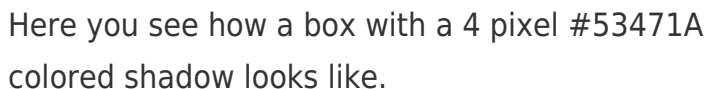
```
.border, #border, table{ border:4px solid
#53471A }
```

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

```
.border{ border-color:#53471A }
```

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

Here you see how a box with a 4 pixel #53471A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53471A; -webkit-box-shadow:4px 4px  
4px 4px #53471A; box-shadow:4px 4px 4px  
4px #53471A }
```

# Background

The CSS property to change the background color of an element to Hex 53471A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53471A }
```

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

```
.background{ background-color:#53471A }
```

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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