

# Converting Colors

Hex(501C0B)

Have a look what the booklet for  
Hex(501C0B) contains.

|                                                |    |
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**Color**

**Hex(501C0B)**

# Conversions

## Conversions Part 1

| Format      | Color                    |
|-------------|--------------------------|
| Hex         | 501C0B                   |
| RGB         | 80, 28, 11               |
| RGB Percent | 31%, 11%, 4%             |
| CMY         | 0.6863, 0.8902, 0.9569   |
| CMYK        | 0.00, 0.65, 0.86, 0.69   |
| HSL         | 15°, 76%, 18%            |
| HSV         | 15°, 86%, 31%            |
| XYZ         | 3.7839, 2.5601, 0.6113   |
| YIQ         | 41.6100, 36.4490, 5.7370 |

# Conversions

## Conversions Part 2

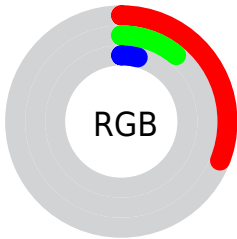
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 80, 34, 11                    |
| Decimal                             | 5250059                       |
| CIELab                              | 18.19, 23.36, 22.62           |
| CIELCh                              | 18, 32.517, 44.067            |
| Yxy                                 | 2.5601, 0.5440,<br>0.3681     |
| Android<br>(android.graphics.Color) | 4283440139<br>(0xFF501C0B)    |
| YUV                                 | 41.6100, -15.0907,<br>33.6680 |
| Hunter-Lab                          | 16.0004, 14.2124,<br>8.9350   |

# Details

The Hex color **501C0B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **0B3F50**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **864A36**, and **1D0001** is the 20% darker color. If you saturate the color by 10%, you get **501603**, and if you desaturate by 10%, it is **502213**.

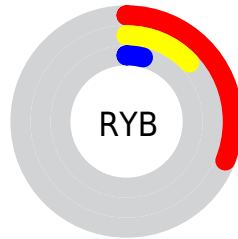
# Distribution



Red (31%)

Green (11%)

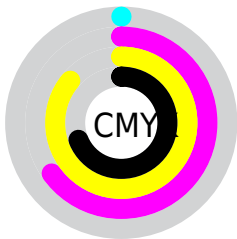
Blue (4%)



Red (31%)

Yellow (13%)

Blue (4%)

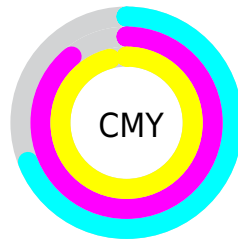


Cyan (0%)

Magenta (65%)

Yellow (86%)

Black (69%)



Cyan (69%)

Magenta (89%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 501C0B 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 501C0B by changing the saturation by 10% instead.



 501C0B

 501C0B

 FFFFEB

 360600

 864A36

 1D0001

 A1624D

 000000

 BE7B66

 DB967F

 F8B099

 FFCCB4

 FFE8CF

 501C0B

 501C0B

■ 501603

■ 502213

■ 501400

■ 50281B

■ 502E23

■ 50342B

■ 503A33

■ 50403B

■ 504643

■ 504C4B

■ 505253

# Harmonies

## Analogous

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



561322



501C0B



422700

# Triad

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



501C0B



00361F



092B5A

# Complementary

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



501C0B



0B3F50

# 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.



00335A



501C0B



003737

# Square

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



501C0B



113405



00364D



3B214E

# Rectangle

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



501C0B



352C00



00364D



002E5C



# Sweetspot

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



501C0B



69544D



500B40



362925



B5B5B5



363636



# Same Dimension

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



501C0B



691A00



503E0B



292625



E83900

# Inverse Universe

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



0B3F50



004F69



0B1D50



252829



00AFE8

# Previews

## White Background



This preview shows how the Hex color 501C0B looks on a white background.

## Color Contrast Check

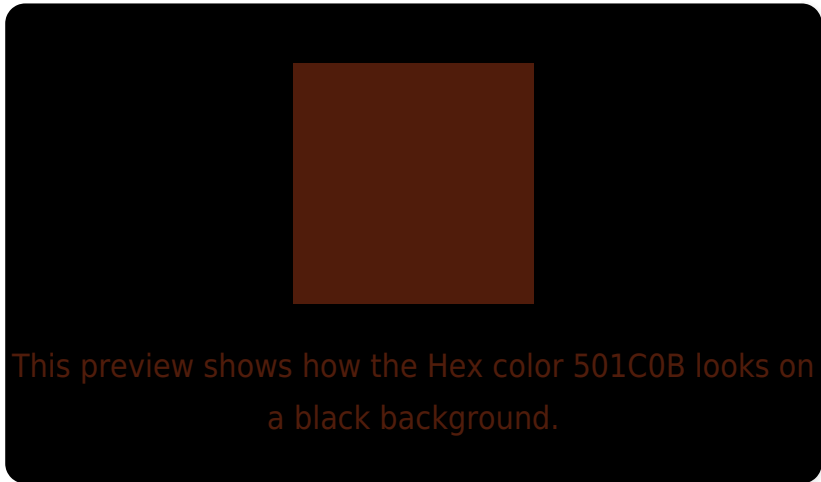
Large Text (above 18pt) WCAG AA ✓ Pass

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

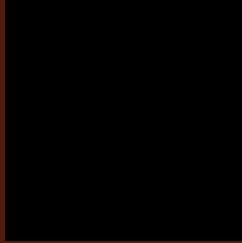
Any Text WCAG AA × Fail

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 501C0B Background



This preview shows how black text looks on a background with the Hex color 501C0B.

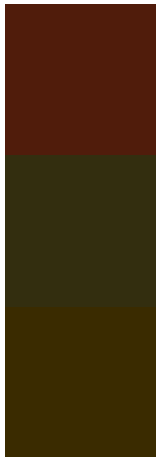


This preview shows how white text looks on a background with the Hex color 501C0B.

# 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**  
501C0B

**Protanopia**  
332E0F

**Deuteranopia**  
3A2B00





# Trichromacy



**Original Color**  
501C0B

**Protanomaly**  
3E270E

**Deuteranomaly**  
422604

**Tritanomaly**  
501B16

# Monochromacy



**Original Color**  
501C0B

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
38251F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 501C0B 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 #501C0B looks like.

```
.text, #text, p{  
    color:#501C0B  
}
```

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 #501C0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #501C0B
}
```

## Border

The CSS property to change the border of an element to Hex 501C0B 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".

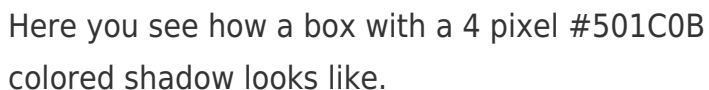
```
.border, #border, table{ border:4px solid
#501C0B }
```

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

```
.border{ border-color:#501C0B }
```

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

Here you see how a box with a 4 pixel #501C0B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #501C0B; -webkit-box-shadow:4px 4px  
4px 4px #501C0B; box-shadow:4px 4px 4px  
4px #501C0B }
```

# Background

The CSS property to change the background color of an element to Hex 501C0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#501C0B }
```

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

```
.background{ background-color:#501C0B }
```

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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