

# Converting Colors

Hex(5E501B)

Have a look what the booklet for  
Hex(5E501B) contains.

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**Color**

**Hex(5E501B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E501B
RGB	94, 80, 27
RGB Percent	37%, 31%, 11%
CMY	0.6314, 0.6863, 0.8941
CMYK	0.00, 0.15, 0.71, 0.63
HSL	47°, 55%, 24%
HSV	47°, 71%, 37%
XYZ	7.6826, 8.1961, 2.2140
YIQ	78.1440, 25.3570, -13.5150

# Conversions

## Conversions Part 2

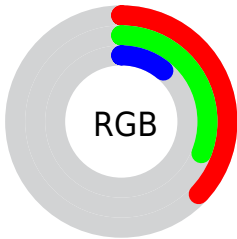
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 94, 27
Decimal	6180891
CIELab	34.39, -1.00, 32.29
CIElCh	34, 32.303, 91.782
Yxy	8.1961, 0.4246, 0.4530
Android (android.graphics.Color)	4284370971 (0xFF5E501B)
YUV	78.1440, -25.2140, 13.9057
Hunter-Lab	28.6289, -2.2000, 15.4551

# Details

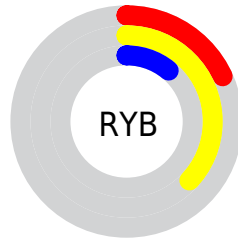
The Hex color **5E501B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1B295E**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **93814A**, and **2D2400** is the 20% darker color. If you saturate the color by 10%, you get **5E4E12**, and if you desaturate by 10%, it is **5E5224**.

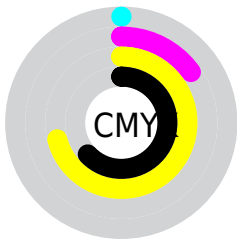
# Distribution



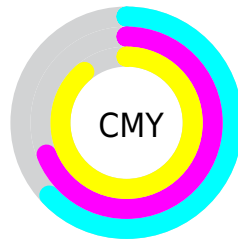
- Red (37%)
- Green (31%)
- Blue (11%)



- Red (18%)
- Yellow (37%)
- Blue (11%)



- Cyan (0%)
- Magenta (15%)
- Yellow (71%)
- Black (63%)



- Cyan (63%)
- Magenta (69%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E501B 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 5E501B by changing the saturation by 10% instead.



 5E501B

 5E501B

FFFFFF

 453903

 93814A

 2D2400

 AE9B62

 130F00

 CAB67B

 000000

 E7D196

 FFEDB1

 FFFFCC

 FFFF99

 5E501B

 5E501B

■ 5E4E12

■ 5E5224

■ 5E4C08

■ 5E542E

■ 5E4A00

■ 5E5637

■ 5E5841

■ 5E5A4A

■ 5E5C53

■ 5E5E5D

■ 5E6066

■ 5E6270

# Harmonies

## Analogous

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



734724



5E501B



445723

# Triad

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



5E501B



005D6B



72406A

# Complementary

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



5E501B



1B295E

# 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.



54497D



5E501B



005A7E

# Square

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



5E501B



005E52



215384



7F3A50

# Rectangle

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



5E501B



2E5B30



215384



6A4371



# Sweetspot

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



5E501B



7A7561



5E1B2A



3D3A2E



BDBDBD



3D3D3D



# Same Dimension

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



5E501B



7A6411



4B5E1B



2E2D29



6E5700



EDBC00



# Inverse Universe

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



1B295E



11277A



2E1B5E



292A2E



00176E

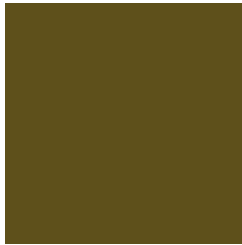


0032ED



# Previews

## White Background



This preview shows how the Hex color 5E501B looks on a white background.

## Color Contrast Check

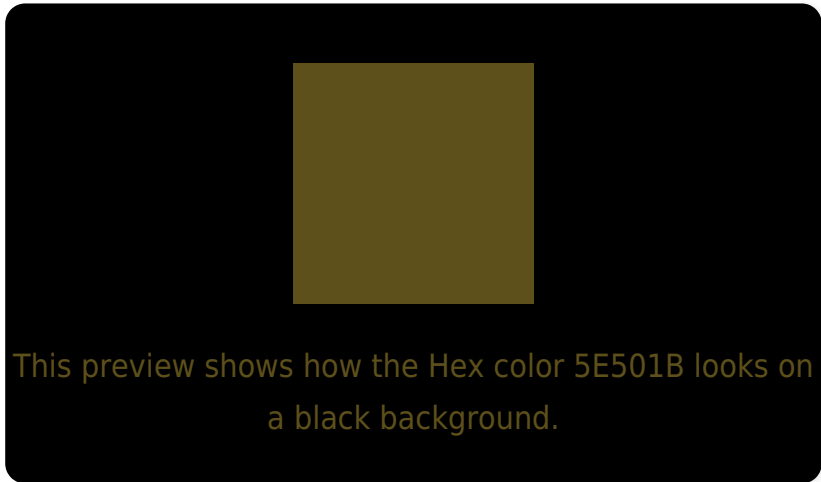
Large Text (above 18pt) WCAG AA ✓ Pass

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

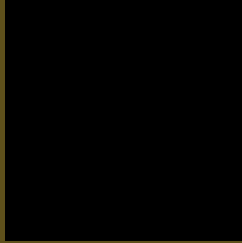
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E501B Background



This preview shows how black text looks on a background with the Hex color 5E501B.



This preview shows how white text looks on a background with the Hex color 5E501B.

# 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**  
5E501B

**Protanopia**  
5B511B

**Deuteranopia**  
654D1C



**Tritanopia**  
624B51

# Trichromacy



**Original Color**  
5E501B

**Protanomaly**  
5C511B

**Deuteranomaly**  
624E1C

**Tritanomaly**  
614D3D

# Monochromacy



**Original Color**  
5E501B

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
544F3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E501B 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 #5E501B looks like.

```
.text, #text, p{  
    color:#5E501B  
}
```

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 #5E501B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E501B
}
```

## Border

The CSS property to change the border of an element to Hex 5E501B 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
#5E501B }
```

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

```
.border{ border-color:#5E501B }
```

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

Here you see how a box with a 4 pixel #5E501B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E501B; -webkit-box-shadow:4px 4px  
4px 4px #5E501B; box-shadow:4px 4px 4px  
4px #5E501B }
```

# Background

The CSS property to change the background color of an element to Hex 5E501B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E501B }
```

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

```
.background{ background-color:#5E501B }
```

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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