

Converting Colors

Hex(5E400B)

Have a look what the booklet for
Hex(5E400B) contains.

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Color

Hex(5E400B)

Conversions

Conversions Part 1

Format	Color
Hex	5E400B
RGB	94, 64, 11
RGB Percent	37%, 25%, 4%
CMY	0.6314, 0.7490, 0.9569
CMYK	0.00, 0.32, 0.88, 0.63
HSL	38°, 79%, 21%
HSV	38°, 88%, 37%
XYZ	6.5099, 6.0706, 1.1452
YIQ	66.9280, 34.8930, -10.1230

Conversions

Conversions Part 2

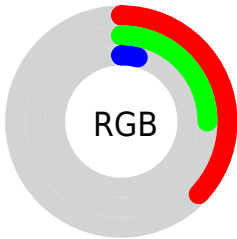
Format	Color
R_{YB}	58, 94, 11
Decimal	6176779
CIE _{Lab}	29.59, 8.06, 34.78
CIE _{LCh}	30, 35.706, 76.946
Yxy	6.0706, 0.4743, 0.4423
Android (android.graphics.Color)	4284366859 (0xFF5E400B)
YUV	66.9280, -27.5725, 23.7421
Hunter-Lab	24.6387, 4.0446, 14.4912

Details

The Hex color **5E400B** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0B295E**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **94703A**, and **2B1600** is the 20% darker color. If you saturate the color by 10%, you get **5E3D02**, and if you desaturate by 10%, it is **5E4314**.

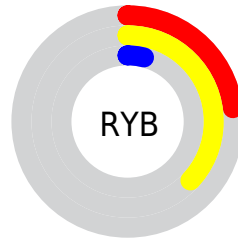
Distribution



Red (37%)

Green (25%)

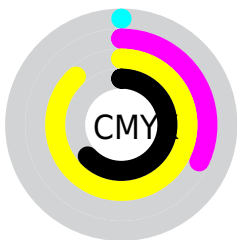
Blue (4%)



Red (23%)

Yellow (37%)

Blue (4%)

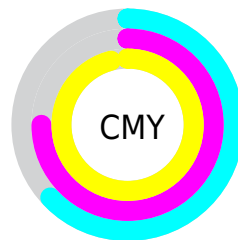


Cyan (0%)

Magenta (32%)

Yellow (88%)

Black (63%)



Cyan (63%)

Magenta (75%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E400B 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 5E400B by changing the saturation by 10% instead.

 5E400B

 5E400B

 FFFFF3

 452A00

 94703A

 2B1600

 B08952

 100000

 CCA36B

 000000

 E9BE85

 FFDA9F

 FFF6BA

 FFFFD6

 5E400B

 5E400B

■ 5E3D02

■ 5E4314

■ 5E3C00

■ 5E471E

■ 5E4A27

■ 5E4E31

■ 5E513A

■ 5E5443

■ 5E584D

■ 5E5B56

■ 5E5F60

Harmonies

Analogous

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



70351E



5E400B



45490A

Triad

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



5E400B



005355



5B376C

Complementary

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



5E400B



0B295E

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.



2E437B



5E400B



00516E

Square

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



5E400B



005238



004C7C



722D53

Rectangle

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



5E400B



314D16



004C7C



4F3C72

Sweetspot

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



5E400B



7A6F5B



5E0B29



3D362A



BDBDBD



3D3D3D

Same Dimension

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



5E400B



7A4E00



535E0B



2E2C29



6E4600



ED9700

Inverse Universe

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



0B295E



002C7A



160B5E



292B2E



00286E



0056ED

Previews

White Background



This preview shows how the Hex color 5E400B looks on a white background.

Color Contrast Check

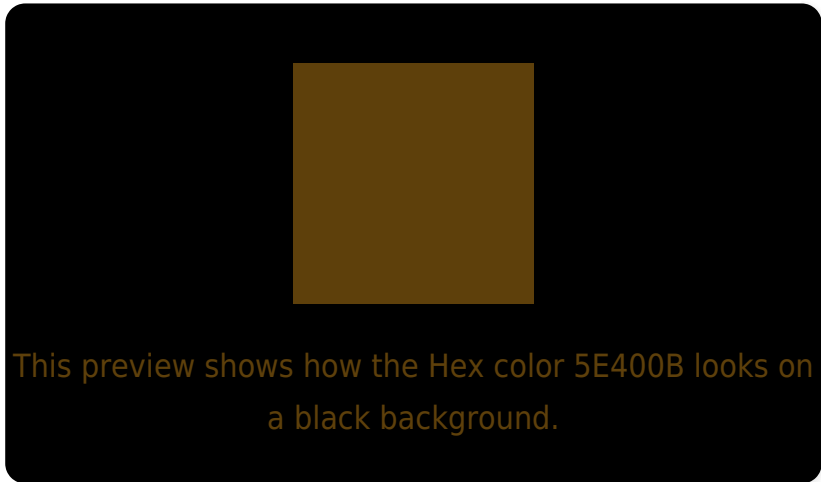
Large Text (above 18pt) WCAG AA ✓ Pass

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

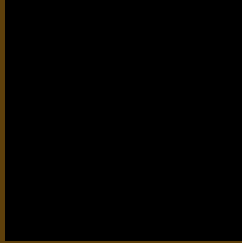
Any Text WCAG AA × Fail

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 5E400B Background



This preview shows how black text looks on a background with the Hex color 5E400B.



This preview shows how white text looks on a background with the Hex color 5E400B.

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
5E400B

Protanopia
4F460D

Deuteranopia
594309



Tritanopia
613C40

Trichromacy



Original Color
5E400B

Protanomaly
54440C

Deuteranomaly
5B420A

Tritanomaly
603D2D

Monochromacy



Original Color
5E400B

Achromatopsia
434343

Achromatomaly
4D422F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E400B 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 #5E400B looks like.

```
.text, #text, p{  
    color:#5E400B  
}
```

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 #5E400B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E400B
}
```

Border

The CSS property to change the border of an element to Hex 5E400B is called "border". The border property can be set on classes, ids or directly on the HTML element.

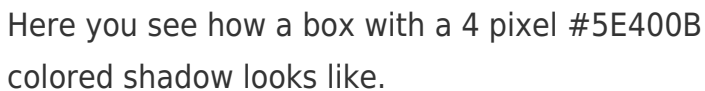
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E400B }
```

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

```
.border{ border-color:#5E400B }
```

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



Here you see how a box with a 4 pixel #5E400B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E400B; -webkit-box-shadow:4px 4px  
4px 4px #5E400B; box-shadow:4px 4px 4px  
4px #5E400B }
```

Background

The CSS property to change the background color of an element to Hex 5E400B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E400B }
```

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

```
.background{ background-color:#5E400B }
```

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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