

Converting Colors

Hex(5A440D)

Have a look what the booklet for
Hex(5A440D) contains.

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Color

Hex(5A440D)

Conversions

Conversions Part 1

Format	Color
Hex	5A440D
RGB	90, 68, 13
RGB Percent	35%, 27%, 5%
CMY	0.6471, 0.7333, 0.9490
CMYK	0.00, 0.24, 0.86, 0.65
HSL	43°, 75%, 20%
HSV	43°, 86%, 35%
XYZ	6.3562, 6.3370, 1.2689
YIQ	68.3080, 30.7670, -12.4410

Conversions

Conversions Part 2

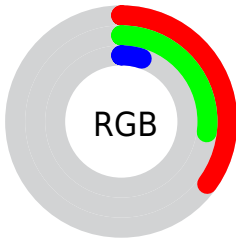
Format	Color
R_{YB}	44, 90, 13
Decimal	5915661
CIE _{Lab}	30.25, 3.61, 34.39
CIE _{LCh}	30, 34.581, 84.009
Yxy	6.3370, 0.4552, 0.4539
Android (android.graphics.Color)	4284105741 (0xFF5A440D)
YUV	68.3080, -27.2668, 19.0239
Hunter-Lab	25.1733, 1.0176, 14.6327

Details

The Hex color **5A440D** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0D235A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **8F743C**, and **281900** is the 20% darker color. If you saturate the color by 10%, you get **5A4104**, and if you desaturate by 10%, it is **5A4716**.

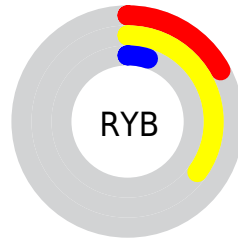
Distribution



 Red (35%)

 Green (27%)

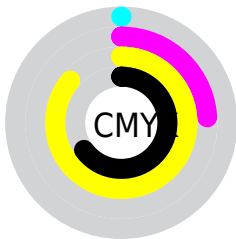
 Blue (5%)




 Red (17%)

 Yellow (35%)

 Blue (5%)

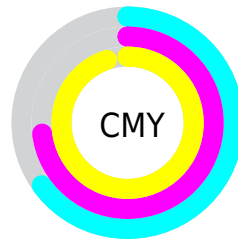


 Cyan (0%)


 Magenta (24%)

 Yellow (86%)

 Black (65%)



 Cyan (65%)

 Magenta (73%)

 Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A440D 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 5A440D by changing the saturation by 10% instead.

 5A440D

 5A440D

 FFFFF5

 412E00

 8F743C

 281900

 AB8D54

 0B0000

 C7A86D

 000000

 E4C387

 FFDFA1

 FFFBBD

 FFFF99

 5A440D

 5A440D

■ 5A4104

■ 5A4716

■ 5A4000

■ 5A491F

■ 5A4C28

■ 5A4E31

■ 5A513A

■ 5A5343

■ 5A564C

■ 5A5955

■ 5A5B5E

Harmonies

Analogous

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



6D391C



5A440D



404C11

Triad

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



5A440D



00545C



633767

Complementary

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



5A440D



0D235A

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.



3E4279



5A440D



005272

Square

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



5A440D



005441



004C7D



752F4E

Rectangle

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



5A440D



2B501E



004C7D



593B6E

Sweetspot

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



5A440D



756D57



5A0D24



3B3528



BABABA



3B3B3B

Same Dimension

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



5A440D



755400



4B5A0D



2E2D29



6E4E00



EDA900

Inverse Universe

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



0D235A



002275



1C0D5A



292B2E



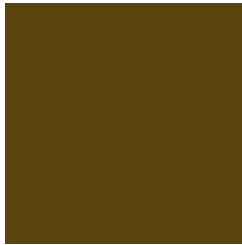
001F6E



0044ED

Previews

White Background



This preview shows how the Hex color 5A440D looks on a white background.

Color Contrast Check

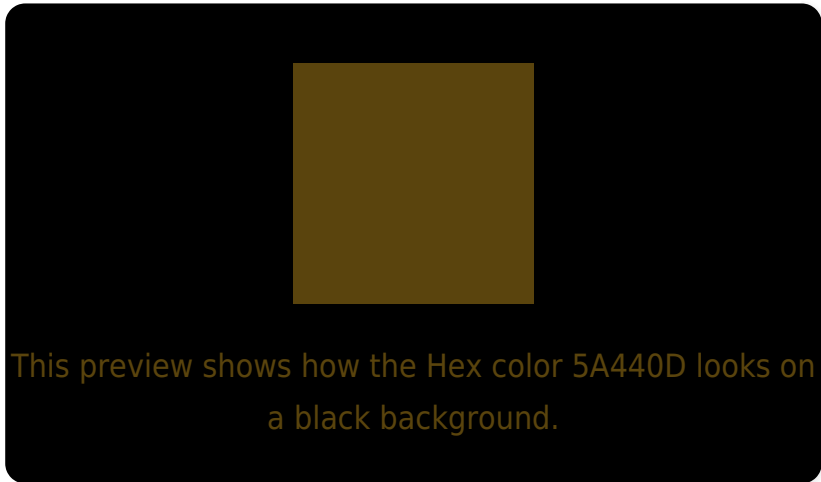
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A440D Background



This preview shows how black text looks on a background with the Hex color 5A440D.



This preview shows how white text looks on a background with the Hex color 5A440D.

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
5A440D

Protanopia
51480E

Deuteranopia
5A440D



Tritanopia
5D3F44

Trichromacy



Original Color
5A440D

Protanomaly
54470E

Deuteranomaly
5A440D

Tritanomaly
5C4130

Monochromacy



Original Color
5A440D

Achromatopsia
444444

Achromatomaly
4C4430

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A440D 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 #5A440D looks like.

```
.text, #text, p{  
    color:#5A440D  
}
```

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 #5A440D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A440D
}
```

Border

The CSS property to change the border of an element to Hex 5A440D is called "border". The border property can be set on classes, ids or directly on the HTML element.

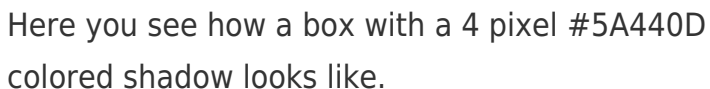
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A440D }
```

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

```
.border{ border-color:#5A440D }
```

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



Here you see how a box with a 4 pixel #5A440D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A440D; -webkit-box-shadow:4px 4px  
4px 4px #5A440D; box-shadow:4px 4px 4px  
4px #5A440D }
```

Background

The CSS property to change the background color of an element to Hex 5A440D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A440D }
```

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

```
.background{ background-color:#5A440D }
```

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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