

Converting Colors

Hex(5B4410)

Have a look what the booklet for
Hex(5B4410) contains.

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Color

Hex(5B4410)

Conversions

Conversions Part 1

Format	Color
Hex	5B4410
RGB	91, 68, 16
RGB Percent	36%, 27%, 6%
CMY	0.6431, 0.7333, 0.9373
CMYK	0.00, 0.25, 0.82, 0.64
HSL	42°, 70%, 21%
HSV	42°, 82%, 36%
XYZ	6.4750, 6.3958, 1.3835
YIQ	68.9490, 30.4000, -11.2960

Conversions

Conversions Part 2

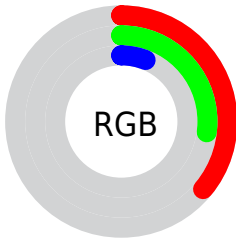
Format	Color
RYB	49, 91, 16
Decimal	5981200
CIELab	30.39, 4.25, 33.31
CIELCh	30, 33.583, 82.728
Yxy	6.3958, 0.4543, 0.4487
Android (android.graphics.Color)	4284171280 (0xFF5B4410)
YUV	68.9490, -26.1039, 19.3387
Hunter-Lab	25.2899, 1.4444, 14.4596

Details

The Hex color **5B4410** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **10275B**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **90743F**, and **291900** is the 20% darker color. If you saturate the color by 10%, you get **5B4107**, and if you desaturate by 10%, it is **5B4719**.

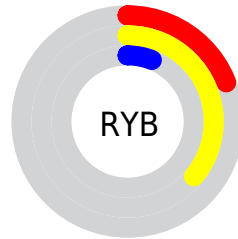
Distribution



Red (36%)

Green (27%)

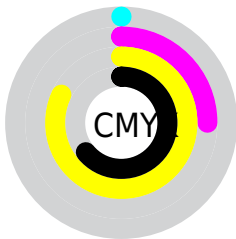
Blue (6%)



Red (19%)

Yellow (36%)

Blue (6%)

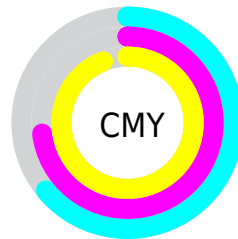


Cyan (0%)

Magenta (25%)

Yellow (82%)

Black (64%)



Cyan (64%)

Magenta (73%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B4410 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 5B4410 by changing the saturation by 10% instead.

 5B4410

 5B4410

 FFFFF8

 422E00

 90743F

 291900

 AC8D57

 0D0000

 C8A870

 000000

 E5C389

 FFDFA4

 FFFBBF

 FFFFDB

 5B4410

 5B4410

■ 5B4107

■ 5B4719

■ 5B3F00

■ 5B4A22

■ 5B4C2B

■ 5B4F34

■ 5B523E

■ 5B5547

■ 5B5850

■ 5B5A59

■ 5B5D62

Harmonies

Analogous

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



6E3A1E



5B4410



424C13

Triad

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



5B4410



00545B



613868

Complementary

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



5B4410



10275B

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.



3D4378



5B4410



005271

Square

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



5B4410



005440



004C7B



74304F

Rectangle

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



5B4410



2E501F



004C7B



573C6E

Sweetspot

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



5B4410



756C58



5B1028



3B3529



BABABA



3B3B3B

Same Dimension

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



5B4410



755201



4D5B10



2E2C29



6E4C00



EDA400

Inverse Universe

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



10275B



012575



1E105B



292B2E



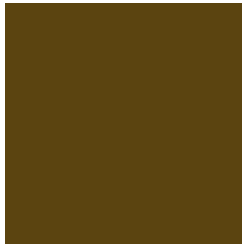
00226E



0049ED

Previews

White Background



This preview shows how the Hex color 5B4410 looks on a white background.

Color Contrast Check

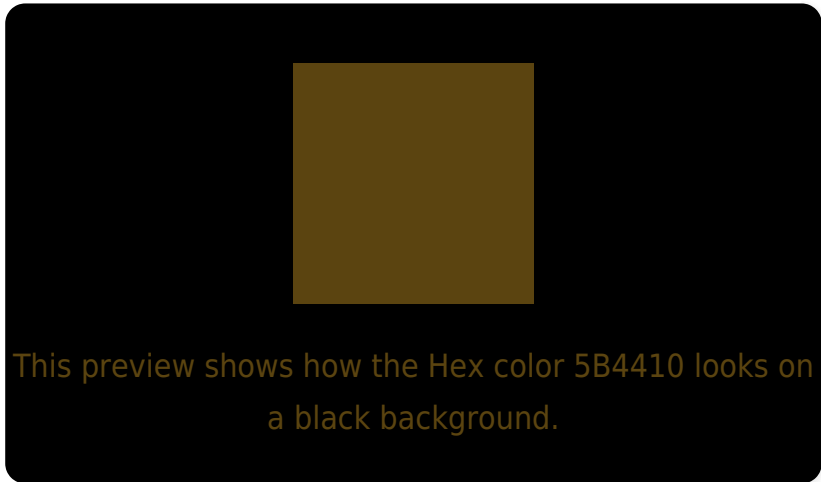
Large Text (above 18pt) WCAG AA ✓ Pass

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

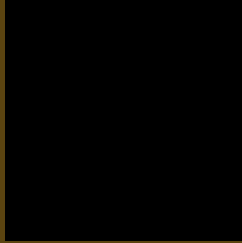
Any Text WCAG AA × Fail

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 5B4410 Background



This preview shows how black text looks on a background with the Hex color 5B4410.



This preview shows how white text looks on a background with the Hex color 5B4410.

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
5B4410

Protanopia
514811

Deuteranopia
5B4410



Tritanopia
5E3F44

Trichromacy



Original Color
5B4410

Protanomaly
554711

Deuteranomaly
5B4410

Tritanomaly
5D4131

Monochromacy



Original Color
5B4410

Achromatopsia
454545

Achromatomaly
4D4532

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B4410 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 #5B4410 looks like.

```
.text, #text, p{  
    color:#5B4410  
}
```

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 #5B4410 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4410
}
```

Border

The CSS property to change the border of an element to Hex 5B4410 is called "border". The border property can be set on classes, ids or directly on the HTML element.

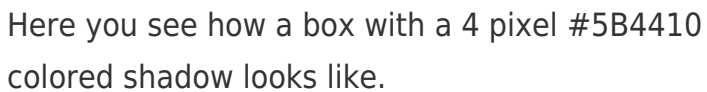
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B4410 }
```

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

```
.border{ border-color:#5B4410 }
```

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



Here you see how a box with a 4 pixel #5B4410 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4410; -webkit-box-shadow:4px 4px  
4px 4px #5B4410; box-shadow:4px 4px 4px  
4px #5B4410 }
```

Background

The CSS property to change the background color of an element to Hex 5B4410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4410 }
```

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

```
.background{ background-color:#5B4410 }
```

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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