

Converting Colors

Hex(55470B)

Have a look what the booklet for
Hex(55470B) contains.

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Color

Hex(55470B)

Conversions

Conversions Part 1

Format	Color
Hex	55470B
RGB	85, 71, 11
RGB Percent	33%, 28%, 4%
CMY	0.6667, 0.7216, 0.9569
CMYK	0.00, 0.16, 0.87, 0.67
HSL	49°, 77%, 19%
HSV	49°, 87%, 33%
XYZ	6.0600, 6.4619, 1.2445
YIQ	68.3460, 27.6040, -15.6920

Conversions

Conversions Part 2

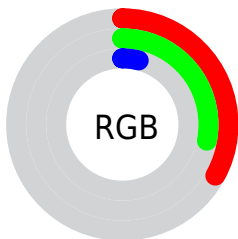
Format	Color
R_YB	28, 85, 11
Decimal	5588747
CIE Lab	30.55, -0.90, 35.21
CIE LCh	31, 35.217, 91.458
Yxy	6.4619, 0.4402, 0.4694
Android (android.graphics.Color)	4283778827 (0xFF55470B)
YUV	68.3460, -28.2716, 14.6056
Hunter-Lab	25.4203, -1.9330, 14.8916

Details

The Hex color **55470B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0B1955**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **89773B**, and **241C00** is the 20% darker color. If you saturate the color by 10%, you get **554503**, and if you desaturate by 10%, it is **554914**.

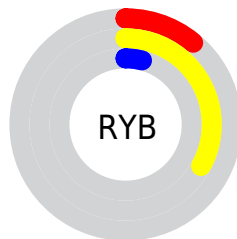
Distribution



Red (33%)

Green (28%)

Blue (4%)



Red (11%)

Yellow (33%)

Blue (4%)

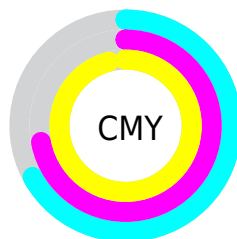


Cyan (0%)

Magenta (16%)

Yellow (87%)

Black (67%)



Cyan (67%)

Magenta (72%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55470B 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 55470B by changing the saturation by 10% instead.

 55470B

 55470B

 FFFFF4

 3D3100

 89773B

 241C00

 A59153

 010300

 C1AB6C

 000000

 DDC686

 FAE2A0

 FFFFBC

 FFFFD8

 55470B

 55470B

■ 554503

■ 554914

■ 554500

■ 554A1C

■ 554C25

■ 554D2D

■ 554F35

■ 55513E

■ 555247

■ 55544F

■ 555557

Harmonies

Analogous

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



6B3D17



55470B



394F15

Triad

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



55470B



005564



6A3463

Complementary

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



55470B



0B1955

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.



4A4077



55470B



005178

Square

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



55470B



005548



004B7F



792E48

Rectangle

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



55470B



215224



004B7F



62386A

Sweetspot

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



55470B



6E6851



550B1A



383527



B8B8B8



383838

Same Dimension

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



55470B



6E5900



3F550B



2B2B27



6B5700



EBBE00

Inverse Universe

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



0B1955



00156E



210B55



27282B



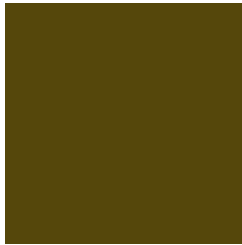
00146B



002CEB

Previews

White Background



This preview shows how the Hex color 55470B looks on a white background.

Color Contrast Check

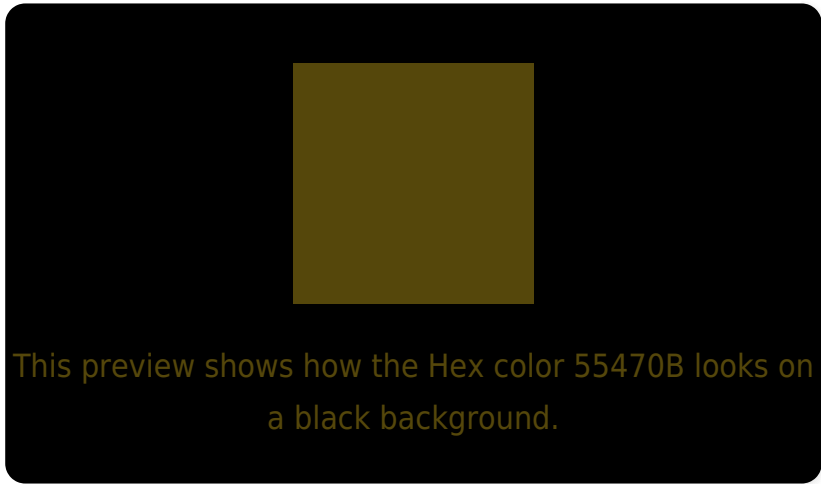
Large Text (above 18pt) WCAG AA ✓ Pass

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

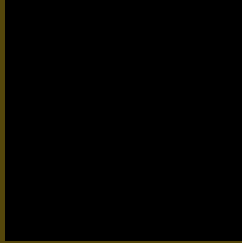
Any Text WCAG AA × Fail

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 55470B Background



This preview shows how black text looks on a background with the Hex color 55470B.



This preview shows how white text looks on a background with the Hex color 55470B.

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
55470B

Protanopia
51480B

Deuteranopia
5B440D



Tritanopia
594247

Trichromacy



Original Color
55470B

Protanomaly
52480B

Deuteranomaly
59450C

Tritanomaly
584431

Monochromacy



Original Color
55470B

Achromatopsia
444444

Achromatomaly
4A452F

CSS Examples

Text

The CSS property to change the color of the text to Hex 55470B 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 #55470B looks like.

```
.text, #text, p{  
    color:#55470B  
}
```

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 #55470B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55470B
}
```

Border

The CSS property to change the border of an element to Hex 55470B is called "border". The border property can be set on classes, ids or directly on the HTML element.

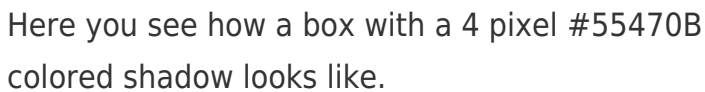
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#55470B }
```

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

```
.border{ border-color:#55470B }
```

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



Here you see how a box with a 4 pixel #55470B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55470B; -webkit-box-shadow:4px 4px  
4px 4px #55470B; box-shadow:4px 4px 4px  
4px #55470B }
```

Background

The CSS property to change the background color of an element to Hex 55470B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55470B }
```

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

```
.background{ background-color:#55470B }
```

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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