

Converting Colors

Hex(5B2312)

Have a look what the booklet for
Hex(5B2312) contains.

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Color

Hex(5B2312)

Conversions

Conversions Part 1

Format	Color
Hex	5B2312
RGB	91, 35, 18
RGB Percent	36%, 14%, 7%
CMY	0.6431, 0.8627, 0.9294
CMYK	0.00, 0.62, 0.80, 0.64
HSL	14°, 67%, 21%
HSV	14°, 80%, 36%
XYZ	5.0246, 3.4699, 0.9772
YIQ	49.8060, 38.8330, 6.5850

Conversions

Conversions Part 2

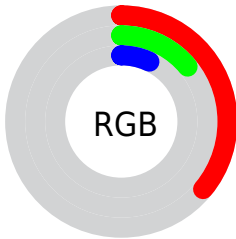
Format	Color
RYB	91, 40, 18
Decimal	5972754
CIELab	21.84, 24.57, 23.67
CIELCh	22, 34.118, 43.930
Yxy	3.4699, 0.5305, 0.3663
Android (android.graphics.Color)	4284162834 (0xFF5B2312)
YUV	49.8060, -15.6804, 36.1271
Hunter-Lab	18.6276, 15.5501, 9.9290

Details

The Hex color **5B2312** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **124A5B**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **92523D**, and **290000** is the 20% darker color. If you saturate the color by 10%, you get **5B1C09**, and if you desaturate by 10%, it is **5B2A1B**.

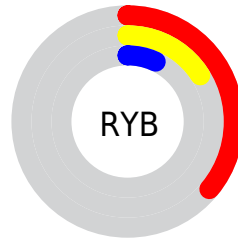
Distribution



Red (36%)

Green (14%)

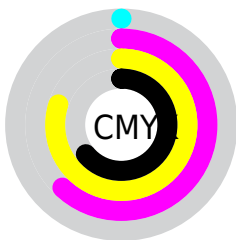
Blue (7%)



Red (36%)

Yellow (16%)

Blue (7%)

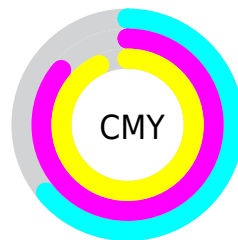


Cyan (0%)

Magenta (62%)

Yellow (80%)

Black (64%)



Cyan (64%)

Magenta (86%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B2312 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 5B2312 by changing the saturation by 10% instead.

 5B2312

 5B2312

 FFFFF4

 410C00

 92523D

 290000

 AE6A54

 000000

 CB846D

 E89E86

 FFB9A0

 FFD5BC

 FFF2D7

 5B2312

 5B2312

■ 5B1C09

■ 5B2A1B

■ 5B1500

■ 5B3124

■ 5B382D

■ 5B3F36

■ 5B4640

■ 5B4D49

■ 5B5452

■ 5B5B5B

■ 5B6264

Harmonies

Analogous

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



611A2A



5B2312



4C2E00

Triad

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



5B2312



003F25



123366

Complementary

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



5B2312



124A5B

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.



003B65



5B2312



004040

Square

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



5B2312



183C0C



003F57



442859

Rectangle

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



5B2312



3E3400



003F57



003667

Sweetspot

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



5B2312



756059



5B124B



3B2E2A



BABABA



3B3B3B

Same Dimension

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



5B2312



751F05



5B4612



2E2A29



6E1A00



ED3700

Inverse Universe

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



124A5B



055B75



12275B



292D2E



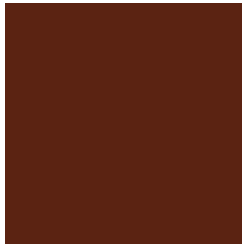
00546E



00B6ED

Previews

White Background



This preview shows how the Hex color 5B2312 looks on a white background.

Color Contrast Check

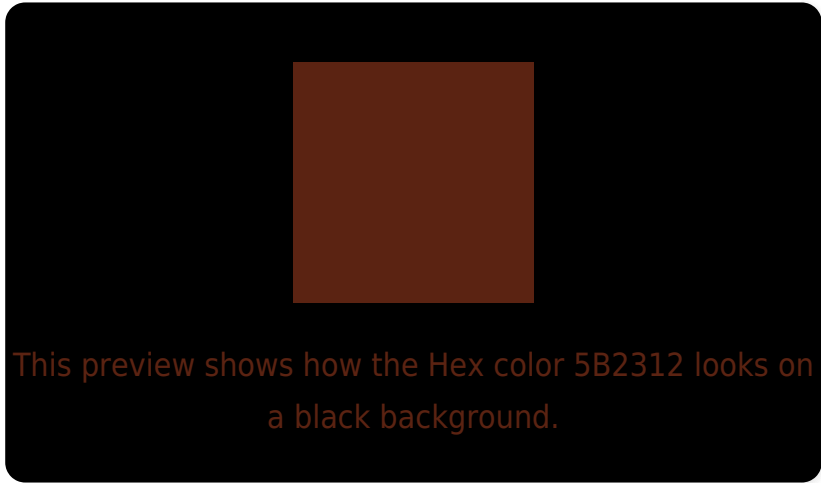
Large Text (above 18pt) WCAG AA ✓ Pass

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

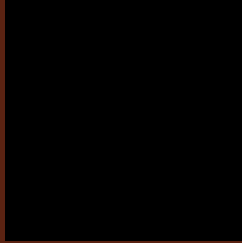
Any Text WCAG AA × Fail

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 5B2312 Background



This preview shows how black text looks on a background with the Hex color 5B2312.

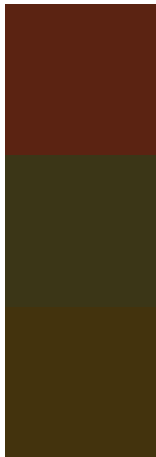


This preview shows how white text looks on a background with the Hex color 5B2312.

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
5B2312

Protanopia
3B3617

Deuteranopia
43330D

Trichromacy



Original Color
5B2312

Protanomaly
472F15

Deuteranomaly
4C2D0F

Tritanomaly
5C221D

Monochromacy



Original Color
5B2312

Achromatopsia
323232

Achromatomaly
412D26

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B2312 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 #5B2312 looks like.

```
.text, #text, p{  
    color:#5B2312  
}
```

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 #5B2312 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B2312
}
```

Border

The CSS property to change the border of an element to Hex 5B2312 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".

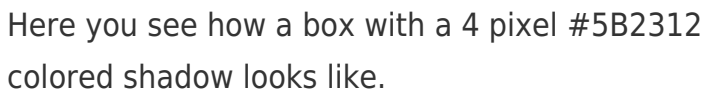
```
.border, #border, table{ border:4px solid
#5B2312 }
```

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

```
.border{ border-color:#5B2312 }
```

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

Here you see how a box with a 4 pixel #5B2312 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B2312; -webkit-box-shadow:4px 4px  
4px 4px #5B2312; box-shadow:4px 4px 4px  
4px #5B2312 }
```

Background

The CSS property to change the background color of an element to Hex 5B2312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B2312 }
```

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

```
.background{ background-color:#5B2312 }
```

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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