

Converting Colors

Hex(5A3800)

Have a look what the booklet for
Hex(5A3800) contains.

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Color

Hex(5A3800)

Conversions

Conversions Part 1

Format	Color
Hex	5A3800
RGB	90, 56, 0
RGB Percent	35%, 22%, 0%
CMY	0.6471, 0.7804, 1.0000
CMYK	0.00, 0.38, 1.00, 0.65
HSL	37°, 100%, 18%
HSV	37°, 100%, 35%
XYZ	5.6306, 5.0020, 0.6687
YIQ	59.7820, 38.2400, -10.2080

Conversions

Conversions Part 2

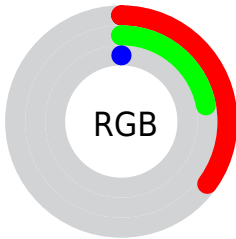
Format	Color
R_{YB}	55, 90, 0
Decimal	5912576
CIE Lab	26.74, 10.69, 36.54
CIE LCh	27, 38.070, 73.696
Yxy	5.0020, 0.4982, 0.4426
Android (android.graphics.Color)	4284102656 (0xFF5A3800)
YUV	59.7820, -29.4725, 26.5012
Hunter-Lab	22.3652, 5.7999, 13.8828

Details

The Hex color **5A3800** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **00225A**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **906730**, and **270E00** is the 20% darker color. If you saturate the color by 10%, you get **5A3800**, and if you desaturate by 10%, it is **5A3B09**.

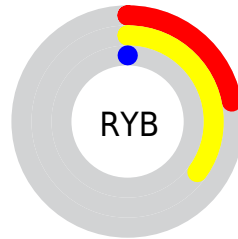
Distribution



Red (35%)

Green (22%)

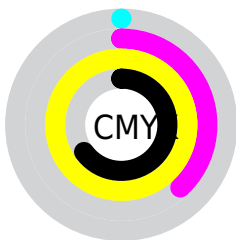
Blue (0%)



Red (22%)

Yellow (35%)

Blue (0%)

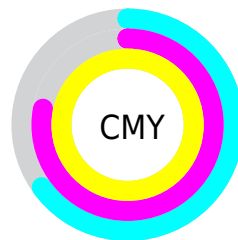


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (65%)



Cyan (65%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A3800 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 5A3800 by changing the saturation by 10% instead.

 5A3800

 5A3800

 FFFFE7

 402300

 906730

 270E00

 AC8048

 000000

 C99A61

 E6B57A

 FFD094

 FFECAF

 FFFFCB

 5A3800

■ 5A3B09

■ 5A3F12

■ 5A421B

■ 5A4624

■ 5A492D

■ 5A4C36

■ 5A503F

■ 5A5348

■ 5A5751

Harmonies

Analogous

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



6C2B18



5A3800



414200

Triad

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



5A3800



004D4C



51316A

Complementary

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



5A3800



00225A

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.



183E78



5A3800



004B67

Square

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



5A3800



004C2E



004777



6B2450

Rectangle

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



5A3800



2C4708



004777



443670

Sweetspot

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



5A3800



756852



5A0022



3B3326



BABABA



3B3B3B

Same Dimension

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



5A3800



754900



505A00



2E2C29



6E4400



ED9400

Inverse Universe

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



00225A



002C75



0B005A



292B2E



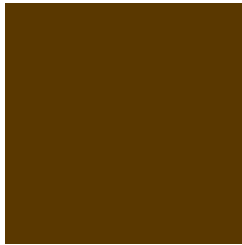
00296E



005AED

Previews

White Background



This preview shows how the Hex color 5A3800 looks on a white background.

Color Contrast Check

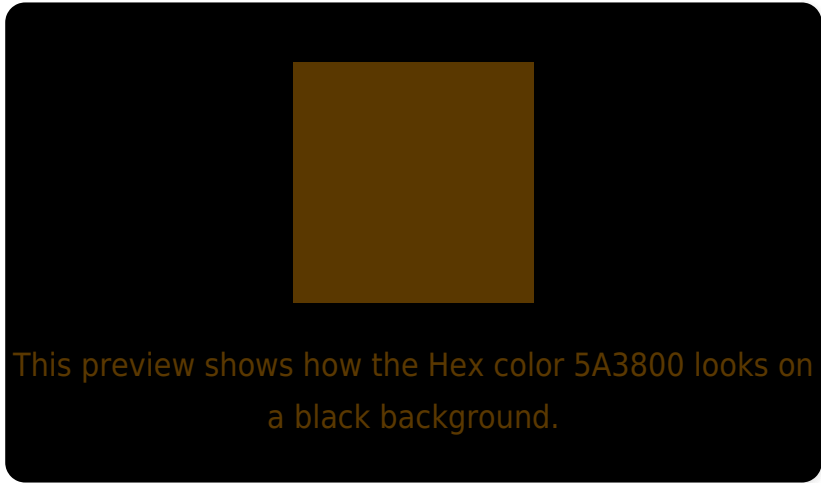
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A3800 Background



This preview shows how black text looks on a background with the Hex color 5A3800.



This preview shows how white text looks on a background with the Hex color 5A3800.

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
5A3800

Protanopia
484007

Deuteranopia
513D00



Tritanopia
5C3438

Trichromacy



Original Color
5A3800

Protanomaly
4F3D04

Deuteranomaly
543B00

Tritanomaly
5B3524

Monochromacy



Original Color
5A3800

Achromatopsia
3C3C3C

Achromatomaly
473B26

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A3800 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 #5A3800 looks like.

```
.text, #text, p{  
    color:#5A3800  
}
```

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 #5A3800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A3800  
}
```

Border

The CSS property to change the border of an element to Hex 5A3800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

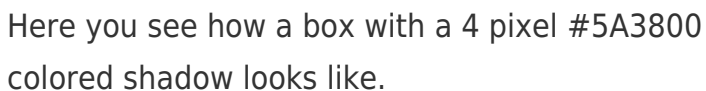
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5A3800 }
```

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

```
.border{ border-color:#5A3800 }
```

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



Here you see how a box with a 4 pixel #5A3800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A3800; -webkit-box-shadow:4px 4px  
4px 4px #5A3800; box-shadow:4px 4px 4px  
4px #5A3800 }
```

Background

The CSS property to change the background color of an element to Hex 5A3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A3800 }
```

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

```
.background{ background-color:#5A3800 }
```

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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