

Converting Colors

Hex(5A3700)

Have a look what the booklet for
Hex(5A3700) contains.

Hex(5A3700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5A3700)

Conversions

Conversions Part 1

Format	Color
Hex	5A3700
RGB	90, 55, 0
RGB Percent	35%, 22%, 0%
CMY	0.6471, 0.7843, 1.0000
CMYK	0.00, 0.39, 1.00, 0.65
HSL	37°, 100%, 18%
HSV	37°, 100%, 35%
XYZ	5.5826, 4.9060, 0.6527
YIQ	59.1950, 38.5150, -9.6850

Conversions

Conversions Part 2

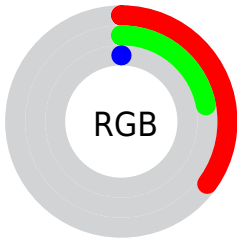
Format	Color
R_{YB}	57, 90, 0
Decimal	5912320
CIE _{Lab}	26.47, 11.32, 36.29
CIE _{LCh}	26, 38.018, 72.680
Yxy	4.9060, 0.5011, 0.4403
Android (android.graphics.Color)	4284102400 (0xFF5A3700)
YUV	59.1950, -29.1831, 27.0160
Hunter-Lab	22.1496, 6.2279, 13.7575

Details

The Hex color **5A3700** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **00235A**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **906630**, and **270D00** is the 20% darker color. If you saturate the color by 10%, you get **5A3700**, and if you desaturate by 10%, it is **5A3B09**.

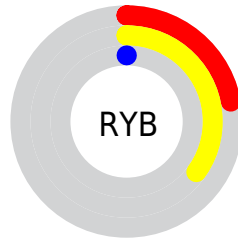
Distribution



Red (35%)

Green (22%)

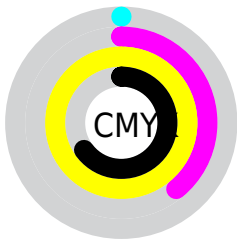
Blue (0%)



Red (22%)

Yellow (35%)

Blue (0%)

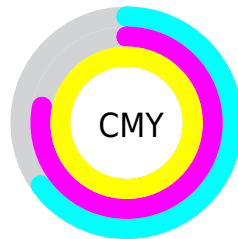


Cyan (0%)

Magenta (39%)

Yellow (100%)

Black (65%)



Cyan (65%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A3700 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 5A3700 by changing the saturation by 10% instead.

 5A3700

 5A3700

 FFFFE7

 402200

 906630

 270D00

 AC7F48

 000000

 C99961

 E6B37A

 FFCF94

 FFEBAF

 FFFFCB

 5A3700

■ 5A3B09

■ 5A3E12

■ 5A421B

■ 5A4524

■ 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.



6C2A18



5A3700



414100

Triad

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



5A3700



004C4A



4F316A

Complementary

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



5A3700



00235A

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.



123E77



5A3700



004B65

Square

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



5A3700



004B2C



004776



6A2451

Rectangle

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



5A3700



2C4606



004776



413670

Sweetspot

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



5A3700



756852



5A0024



3B3226



BABABA



3B3B3B

Same Dimension

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



5A3700



754800



515A00



2E2C29



6E4300



ED9100

Inverse Universe

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



00235A



002E75



09005A



292B2E



002B6E



005CED

Previews

White Background



This preview shows how the Hex color 5A3700 looks on a white background.

Color Contrast Check

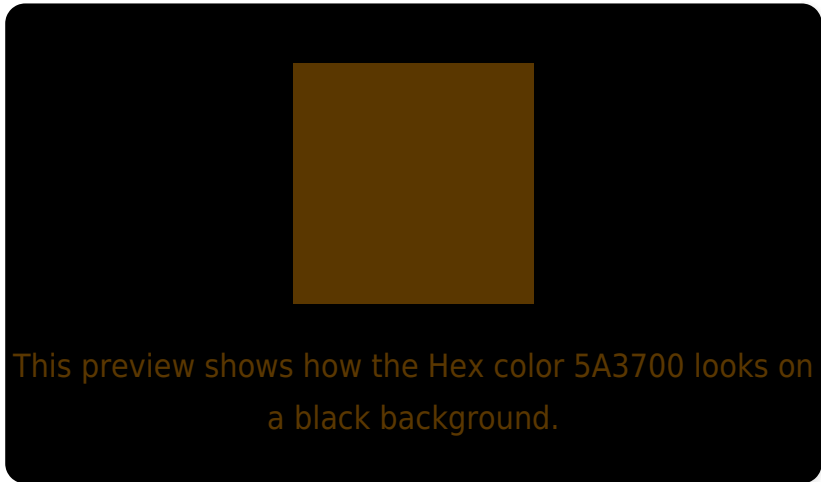
Large Text (above 18pt) WCAG AA ✓ Pass

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

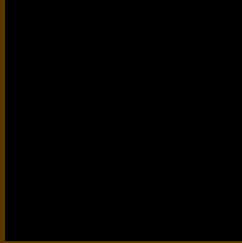
Any Text WCAG AA × Fail

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 5A3700 Background



This preview shows how black text looks on a background with the Hex color 5A3700.



This preview shows how white text looks on a background with the Hex color 5A3700.

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
5A3700

Protanopia
473F07

Deuteranopia
503C00



Tritanopia
5C3337

Trichromacy



Original Color
5A3700

Protanomaly
4E3C04

Deuteranomaly
543A00

Tritanomaly
5B3423

Monochromacy



Original Color
5A3700

Achromatopsia
3B3B3B

Achromatomaly
463A26

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A3700 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 #5A3700 looks like.

```
.text, #text, p{  
    color:#5A3700  
}
```

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 #5A3700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A3700
}
```

Border

The CSS property to change the border of an element to Hex 5A3700 is called "border". The border property can be set on classes, ids or directly on the HTML element.

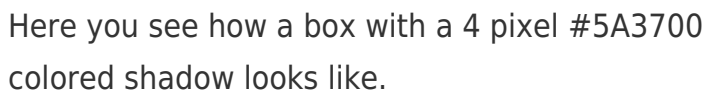
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A3700 }
```

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

```
.border{ border-color:#5A3700 }
```

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



Here you see how a box with a 4 pixel #5A3700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A3700; -webkit-box-shadow:4px 4px  
4px 4px #5A3700; box-shadow:4px 4px 4px  
4px #5A3700 }
```

Background

The CSS property to change the background color of an element to Hex 5A3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A3700 }
```

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

```
.background{ background-color:#5A3700 }
```

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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