

Converting Colors

Hex(5A3D00)

Have a look what the booklet for
Hex(5A3D00) contains.

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Color

Hex(5A3D00)

Conversions

Conversions Part 1

Format	Color
Hex	5A3D00
RGB	90, 61, 0
RGB Percent	35%, 24%, 0%
CMY	0.6471, 0.7608, 1.0000
CMYK	0.00, 0.32, 1.00, 0.65
HSL	41°, 100%, 18%
HSV	41°, 100%, 35%
XYZ	5.8852, 5.5111, 0.7536
YIQ	62.7170, 36.8650, -12.8230

Conversions

Conversions Part 2

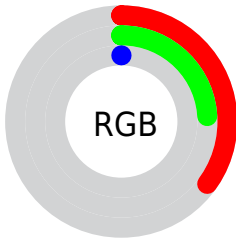
Format	Color
R_{YB}	43, 90, 0
Decimal	5913856
CIE Lab	28.14, 7.53, 37.75
CIE LCh	28, 38.490, 78.715
Yxy	5.5111, 0.4844, 0.4536
Android (android.graphics.Color)	4284103936 (0xFF5A3D00)
YUV	62.7170, -30.9195, 23.9272
Hunter-Lab	23.4758, 3.6657, 14.5299

Details

The Hex color **5A3D00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **001D5A**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **906C31**, and **271300** is the 20% darker color. If you saturate the color by 10%, you get **5A3D00**, and if you desaturate by 10%, it is **5A4009**.

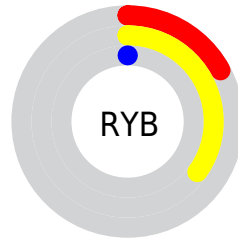
Distribution



Red (35%)

Green (24%)

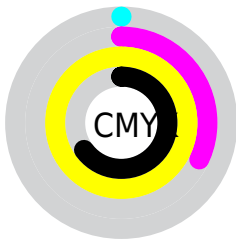
Blue (0%)



Red (17%)

Yellow (35%)

Blue (0%)

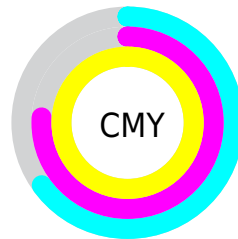


Cyan (0%)

Magenta (32%)

Yellow (100%)

Black (65%)



Cyan (65%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A3D00 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 5A3D00 by changing the saturation by 10% instead.

 5A3D00

 5A3D00

 FFFFE9

 402700

 906C31

 271300

 AC8549

 000000

 C89F62

 E5BA7B

 FFD696

 FFF2B1

 FFFFCC

 5A3D00

■ 5A4009

■ 5A4312

■ 5A461B

■ 5A4924

■ 5A4C2D

■ 5A4E36

■ 5A513F

■ 5A5448

■ 5A5751

Harmonies

Analogous

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



6E3016



5A3D00



3F4700

Triad

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



5A3D00



005055



5B326A

Complementary

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



5A3D00



001D5A

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.



2A3F7B



5A3D00



004E6E

Square

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



5A3D00



004F36



00497D



72264F

Rectangle

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



5A3D00



294B0F



00497D



4E3771

Sweetspot

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



5A3D00



756A52



5A001E



3B3426



BABABA



3B3B3B

Same Dimension

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



5A3D00



755000



4B5A00



2E2C29



6E4A00



EDA100

Inverse Universe

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



001D5A



002675



0F005A



292B2E



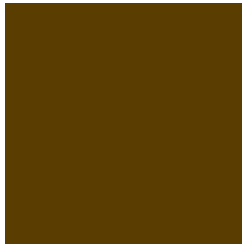
00236E



004CED

Previews

White Background



This preview shows how the Hex color 5A3D00 looks on a white background.

Color Contrast Check

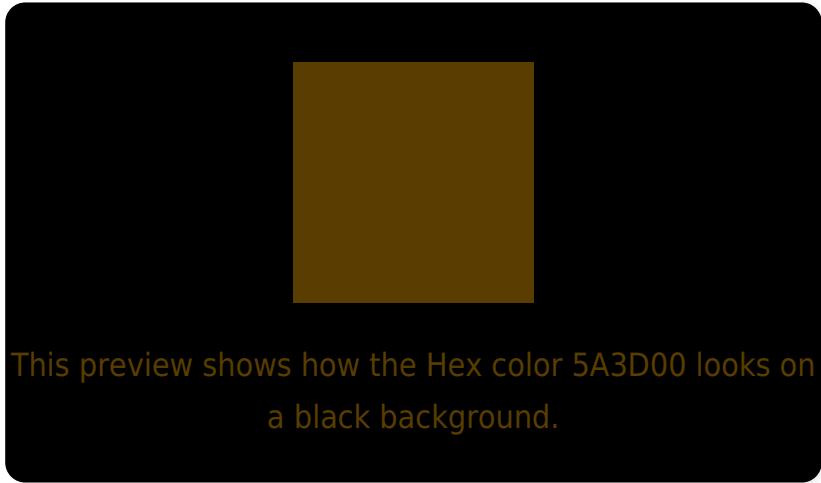
Large Text (above 18pt) WCAG AA ✓ Pass

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

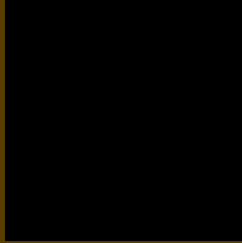
Any Text WCAG AA × Fail

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 5A3D00 Background



This preview shows how black text looks on a background with the Hex color 5A3D00.



This preview shows how white text looks on a background with the Hex color 5A3D00.

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
5A3D00

Protanopia
4C4306

Deuteranopia
554000



Tritanopia
5D393D

Trichromacy



Original Color
5A3D00

Protanomaly
514104

Deuteranomaly
573F00

Tritanomaly
5C3A27

Monochromacy



Original Color
5A3D00

Achromatopsia
3F3F3F

Achromatomaly
493E28

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A3D00 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 #5A3D00 looks like.

```
.text, #text, p{  
    color:#5A3D00  
}
```

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 #5A3D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A3D00
}
```

Border

The CSS property to change the border of an element to Hex 5A3D00 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
#5A3D00 }
```

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

```
.border{ border-color:#5A3D00 }
```

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

Here you see how a box with a 4 pixel #5A3D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A3D00; -webkit-box-shadow:4px 4px  
4px 4px #5A3D00; box-shadow:4px 4px 4px  
4px #5A3D00 }
```

Background

The CSS property to change the background color of an element to Hex 5A3D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A3D00 }
```

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

```
.background{ background-color:#5A3D00 }
```

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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