

Converting Colors

Hex(5A300C)

Have a look what the booklet for
Hex(5A300C) contains.

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Color

Hex(5A300C)

Conversions

Conversions Part 1

Format	Color
Hex	5A300C
RGB	90, 48, 12
RGB Percent	35%, 19%, 5%
CMY	0.6471, 0.8118, 0.9529
CMYK	0.00, 0.47, 0.87, 0.65
HSL	28°, 76%, 20%
HSV	28°, 87%, 35%
XYZ	5.3398, 4.3141, 0.8991
YIQ	56.4540, 36.5880, -2.2920

Conversions

Conversions Part 2

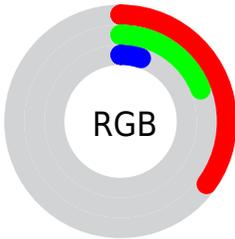
Format	Color
RYB	90, 79, 12
Decimal	5910540
CIELab	24.68, 16.14, 29.70
CIELCh	25, 33.799, 61.482
Yxy	4.3141, 0.5060, 0.4088
Android (android.graphics.Color)	4284100620 (0xFF5A300C)
YUV	56.4540, -21.9158, 29.4198
Hunter-Lab	20.7704, 9.5414, 11.9728

Details

The Hex color **5A300C** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0C365A**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **905E39**, and **280400** is the 20% darker color. If you saturate the color by 10%, you get **5A2B03**, and if you desaturate by 10%, it is **5A3515**.

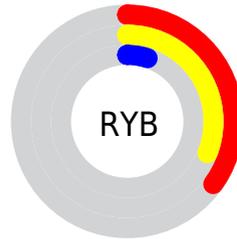
Distribution



Red (35%)

Green (19%)

Blue (5%)



Red (35%)

Yellow (31%)

Blue (5%)

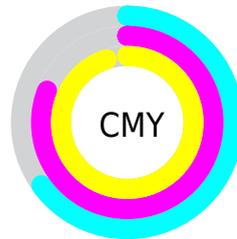


Cyan (0%)

Magenta (47%)

Yellow (87%)

Black (65%)



Cyan (65%)

Magenta (81%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A300C 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 5A300C by changing the saturation by 10% instead.

 5A300C

 5A300C

 FFFFF0

 411A00

 905E39

 280400

 AC7750

 000000

 C99169

 E6AC82

 FFC79C

 FFE3B7

 FFFFD3

 5A300C

 5A300C

■ 5A2B03

■ 5A3515

■ 5A2A00

■ 5A3A1E

■ 5A3F27

■ 5A4330

■ 5A4839

■ 5A4D42

■ 5A524B

■ 5A5754

■ 5A5C5D

Harmonies

Analogous

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



662622



5A300C



463A00

Triad

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



5A300C



00463B



3C3366

Complementary

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



5A300C



0C365A

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.



003D6E



5A300C



004655

Square

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



5A300C



004521



004367



5A2853

Rectangle

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



5A300C



363F04



004367



2C376A

Sweetspot

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



5A300C



756557



5A0C37



3B3128



BABABA



3B3B3B

Same Dimension

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



5A300C



753600



5A560C



2E2B29



6E3300



ED6D00

Inverse Universe

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



0C365A



003F75



0C105A



292C2E



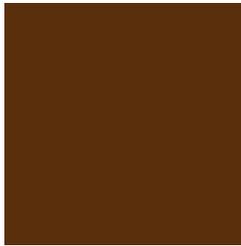
003B6E



0080ED

Previews

White Background



This preview shows how the Hex color 5A300C looks on a white background.

Color Contrast Check

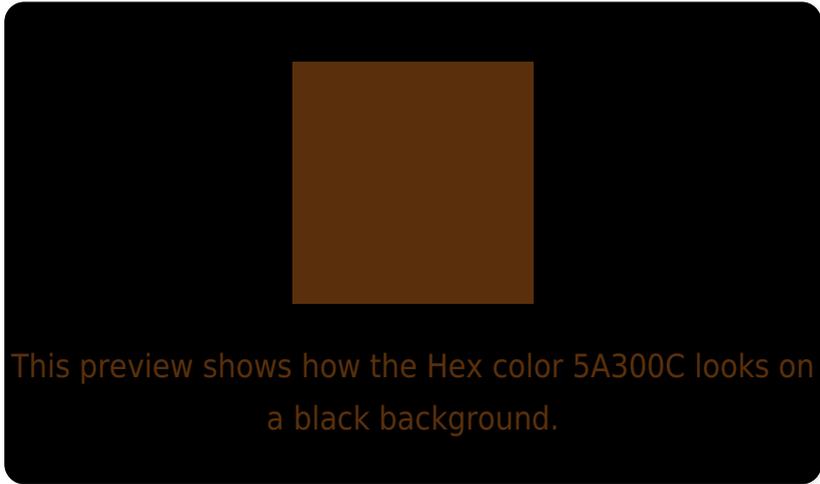
Large Text (above 18pt) WCAG AA ✓ Pass

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

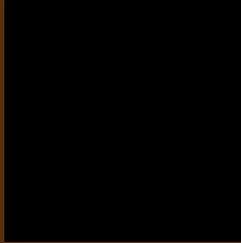
Any Text WCAG AA × Fail

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 5A300C Background



This preview shows how black text looks on a background with the Hex color 5A300C.



This preview shows how white text looks on a background with the Hex color 5A300C.

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
5A300C

Protanopia
433B0F

Deuteranopia
4B3806



Tritanopia
5B2D30

Trichromacy



Original Color
5A300C

Protanomaly
4B370E

Deuteranomaly
503508

Tritanomaly
5B2E23

Monochromacy



Original Color
5A300C

Achromatopsia
383838

Achromatomaly
443528

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A300C 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 #5A300C looks like.

```
.text, #text, p{  
    color:#5A300C  
}
```

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 #5A300C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A300C
}
```

Border

The CSS property to change the border of an element to Hex 5A300C is called "border". The border property can be set on classes, ids or directly on the HTML element.

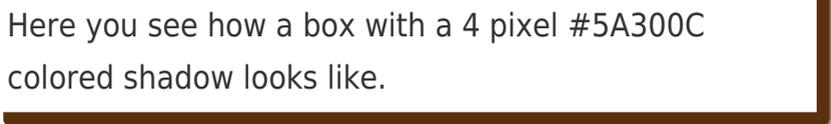
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A300C }
```

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

```
.border{ border-color:#5A300C }
```

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



Here you see how a box with a 4 pixel #5A300C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A300C; -webkit-box-shadow:4px 4px  
4px 4px #5A300C; box-shadow:4px 4px 4px  
4px #5A300C }
```

Background

The CSS property to change the background color of an element to Hex 5A300C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A300C }
```

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

```
.background{ background-color:#5A300C }
```

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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