

# Converting Colors

Hex(5A2D00)

Have a look what the booklet for  
Hex(5A2D00) contains.

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**Color**

**Hex(5A2D00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A2D00
RGB	90, 45, 0
RGB Percent	35%, 18%, 0%
CMY	0.6471, 0.8235, 1.0000
CMYK	0.00, 0.50, 1.00, 0.65
HSL	30°, 100%, 18%
HSV	30°, 100%, 35%
XYZ	5.1548, 4.0504, 0.5101
YIQ	53.3250, 41.2650, -4.4550

# Conversions

## Conversions Part 2

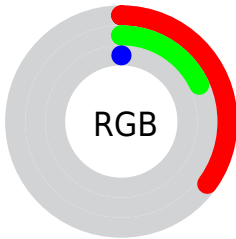
Format	Color
<b>RYB</b>	90, 90, 0
Decimal	5909760
CIELab	23.84, 17.55, 33.80
CIElCh	24, 38.086, 62.564
Yxy	4.0504, 0.5306, 0.4169
Android (android.graphics.Color)	4284099840 (0xFF5A2D00)
YUV	53.3250, -26.2892, 32.1640
Hunter-Lab	20.1257, 10.4996, 12.5852

# Details

The Hex color **5A2D00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002D5A**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **915B2F**, and **270000** is the 20% darker color. If you saturate the color by 10%, you get **5A2D00**, and if you desaturate by 10%, it is **5A3209**.

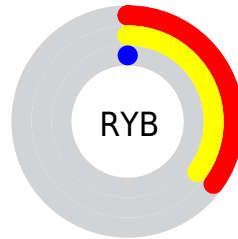
# Distribution



Red (35%)

Green (18%)

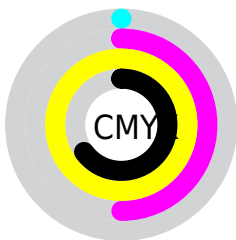
Blue (0%)



Red (35%)

Yellow (35%)

Blue (0%)

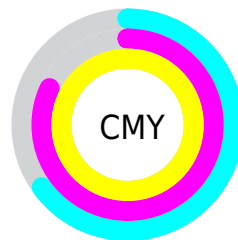


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (65%)



Cyan (65%)

Magenta (82%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A2D00 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 5A2D00 by changing the saturation by 10% instead.



 5A2D00

 5A2D00

 FFFFE5

 401800

 915B2F

 270000

 AD7447

 000000

 CA8E5F

 E7A878

 FFC492

 FFE0AD

 FFFCC9

 5A2D00

■ 5A3209

■ 5A3612

■ 5A3B1B

■ 5A3F24

■ 5A442D

■ 5A4836

■ 5A4D3F

■ 5A5148

■ 5A5651

# Harmonies

## Analogous

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



68201C



5A2D00



443800

# Triad

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



5A2D00



00453A



3B3069

# Complementary

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



5A2D00



002D5A

# 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.



003B72



5A2D00



004557

# Square

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



5A2D00



00441D



00426B



5C2254

# Rectangle

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



5A2D00



313E00



00426B



28346E



# Sweetspot

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



5A2D00



756452



5A002D



3B3026



BABABA



3B3B3B



# Same Dimension

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



5A2D00



753B00



5A5A00



2E2C29



6E3700



ED7700



# Inverse Universe

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



002D5A



003B75



00005A



292C2E



00376E

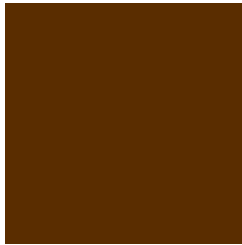


0077ED



# Previews

## White Background



This preview shows how the Hex color 5A2D00 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 5A2D00 Background



This preview shows how black text looks on a background with the Hex color 5A2D00.



This preview shows how white text looks on a background with the Hex color 5A2D00.

# 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**  
5A2D00

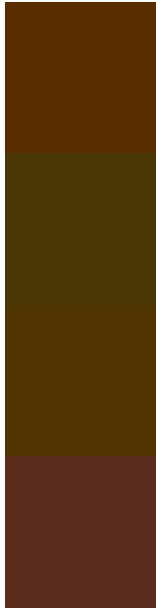
**Protanopia**  
413A08

**Deuteranopia**  
493700



**Tritanopia**  
5B2A2D

# Trichromacy



**Original Color**  
5A2D00

**Protanomaly**  
4A3505

**Deuteranomaly**  
4F3300

**Tritanomaly**  
5B2B1D

# Monochromacy



**Original Color**  
5A2D00

**Achromatopsia**  
353535

**Achromatomaly**  
423222

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A2D00 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 #5A2D00 looks like.

```
.text, #text, p{  
    color:#5A2D00  
}
```

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 #5A2D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A2D00  
}
```

## Border

The CSS property to change the border of an element to Hex 5A2D00 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".

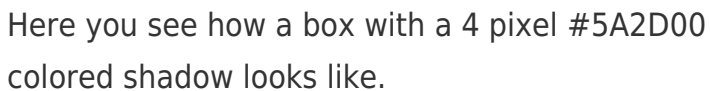
```
.border, #border, table{ border:4px solid  
#5A2D00 }
```

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

```
.border{ border-color:#5A2D00 }
```

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

Here you see how a box with a 4 pixel #5A2D00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A2D00; -webkit-box-shadow:4px 4px  
4px 4px #5A2D00; box-shadow:4px 4px 4px  
4px #5A2D00 }
```

# Background

The CSS property to change the background color of an element to Hex 5A2D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A2D00 }
```

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

```
.background{ background-color:#5A2D00 }
```

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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