

Converting Colors

Hex(5B2900)

Have a look what the booklet for
Hex(5B2900) contains.

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Color

Hex(5B2900)

Conversions

Conversions Part 1

Format	Color
Hex	5B2900
RGB	91, 41, 0
RGB Percent	36%, 16%, 0%
CMY	0.6431, 0.8392, 1.0000
CMYK	0.00, 0.55, 1.00, 0.64
HSL	27°, 100%, 18%
HSV	27°, 100%, 36%
XYZ	5.1073, 3.8100, 0.4662
YIQ	51.2760, 42.9610, -2.1510

Conversions

Conversions Part 2

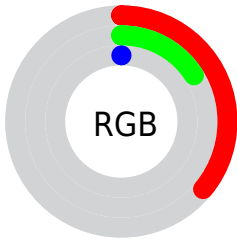
Format	Color
RYB	91, 75, 0
Decimal	5974272
CIELab	23.03, 20.43, 33.04
CIELCh	23, 38.850, 58.271
Yxy	3.8100, 0.5443, 0.4060
Android (android.graphics.Color)	4284164352 (0xFF5B2900)
YUV	51.2760, -25.2791, 34.8379
Hunter-Lab	19.5193, 12.5467, 12.2473

Details

The Hex color **5B2900** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **00325B**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **92572F**, and **280000** is the 20% darker color. If you saturate the color by 10%, you get **5B2900**, and if you desaturate by 10%, it is **5B2E09**.

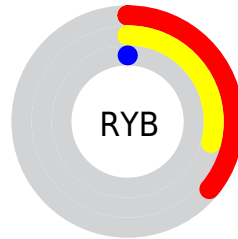
Distribution



Red (36%)

Green (16%)

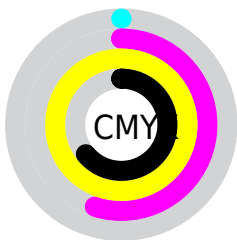
Blue (0%)



Red (36%)

Yellow (29%)

Blue (0%)

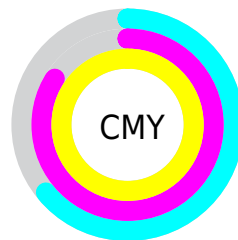


Cyan (0%)

Magenta (55%)

Yellow (100%)

Black (64%)



Cyan (64%)

Magenta (84%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B2900 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 5B2900 by changing the saturation by 10% instead.

 5B2900

 5B2900

 FFFFE4

 401300

 92572F

 280000

 AE7046

 000000

 CB8A5F

 E9A478

 FFBF92

 FFDBAD

 FFF8C8

 5B2900

■ 5B2E09

■ 5B3312

■ 5B381B

■ 5B3D24

■ 5B422E

■ 5B4737

■ 5B4C40

■ 5B5149

■ 5B5652

Harmonies

Analogous

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



681B1D



5B2900



463500

Triad

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



5B2900



004434



31306A

Complementary

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



5B2900



00325B

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.



003B71



5B2900



004452

Square

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



5B2900



004216



004168



582156

Rectangle

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



5B2900



343B00



004168



18346E

Sweetspot

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



5B2900



756252



5B0032



3B2F26



BABABA



3B3B3B

Same Dimension

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



5B2900



753500



5B5600



2E2B29



6E3100



ED6B00

Inverse Universe

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



00325B



004075



00055B



292C2E



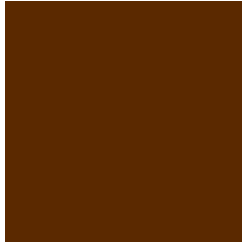
003C6E



0082ED

Previews

White Background



This preview shows how the Hex color 5B2900 looks on a white background.

Color Contrast Check

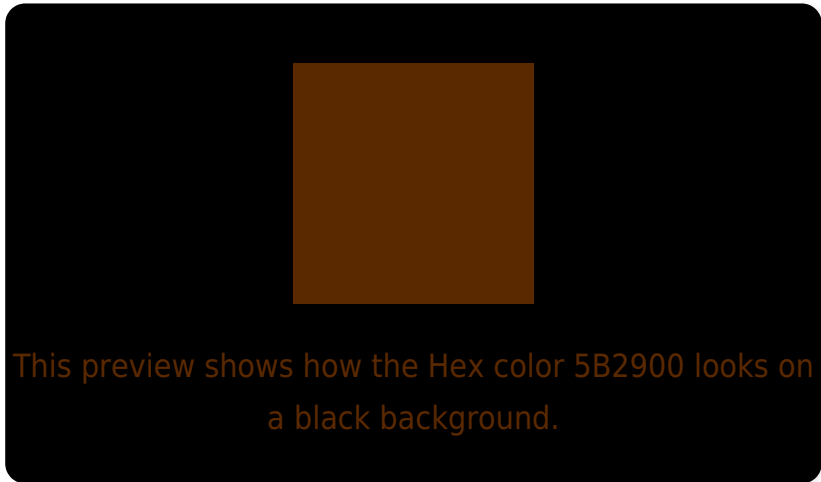
Large Text (above 18pt) WCAG AA ✓ Pass

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

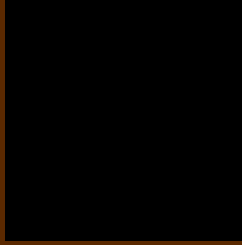
Any Text WCAG AA × Fail

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 5B2900 Background



This preview shows how black text looks on a background with the Hex color 5B2900.



This preview shows how white text looks on a background with the Hex color 5B2900.

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
5B2900

Protanopia
3F3808

Deuteranopia
473500



Tritanopia
5C2629

Trichromacy



Original Color
5B2900

Protanomaly
493305

Deuteranomaly
4E3100

Tritanomaly
5C271A

Monochromacy



Original Color
5B2900

Achromatopsia
333333

Achromatomaly
422F20

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B2900 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 #5B2900 looks like.

```
.text, #text, p{  
    color:#5B2900  
}
```

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 #5B2900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B2900
}
```

Border

The CSS property to change the border of an element to Hex 5B2900 is called "border". The border property can be set on classes, ids or directly on the HTML element.

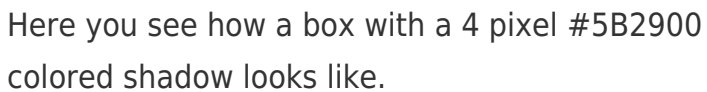
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B2900 }
```

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

```
.border{ border-color:#5B2900 }
```

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



Here you see how a box with a 4 pixel #5B2900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B2900; -webkit-box-shadow:4px 4px  
4px 4px #5B2900; box-shadow:4px 4px 4px  
4px #5B2900 }
```

Background

The CSS property to change the background color of an element to Hex 5B2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B2900 }
```

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

```
.background{ background-color:#5B2900 }
```

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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