

Converting Colors

Hex(5C2800)

Have a look what the booklet for
Hex(5C2800) contains.

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Color

Hex(5C2800)

Conversions

Conversions Part 1

Format	Color
Hex	5C2800
RGB	92, 40, 0
RGB Percent	36%, 16%, 0%
CMY	0.6392, 0.8431, 1.0000
CMYK	0.00, 0.57, 1.00, 0.64
HSL	26°, 100%, 18%
HSV	26°, 100%, 36%
XYZ	5.1724, 3.7929, 0.4595
YIQ	50.9880, 43.8320, -1.4160

Conversions

Conversions Part 2

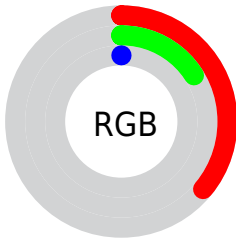
Format	Color
RYB	92, 71, 0
Decimal	6039552
CIELab	22.97, 21.48, 33.04
CIELCh	23, 39.409, 56.968
Yxy	3.7929, 0.5488, 0.4024
Android (android.graphics.Color)	4284229632 (0xFF5C2800)
YUV	50.9880, -25.1371, 35.9675
Hunter-Lab	19.4754, 13.3256, 12.2339

Details

The Hex color **5C2800** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **00345C**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **93562F**, and **290000** is the 20% darker color. If you saturate the color by 10%, you get **5C2800**, and if you desaturate by 10%, it is **5C2D09**.

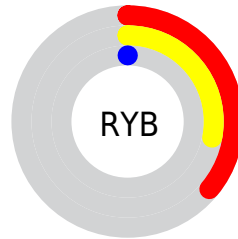
Distribution



Red (36%)

Green (16%)

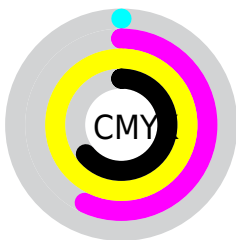
Blue (0%)



Red (36%)

Yellow (28%)

Blue (0%)

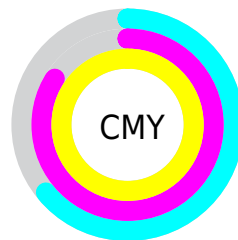


Cyan (0%)

Magenta (57%)

Yellow (100%)

Black (64%)



Cyan (64%)

Magenta (84%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C2800 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 5C2800 by changing the saturation by 10% instead.

 5C2800

 5C2800

 FFFFE4

 411200

 93562F

 290000

 B06F46

 000000

 CD895F

 EAA378

 FFBE92

 FFDAAD

 FFF7C8

 5C2800

■ 5C2D09

■ 5C3212

■ 5C381C

■ 5C3D25

■ 5C422E

■ 5C4737

■ 5C4C40

■ 5C524A

■ 5C5753

Harmonies

Analogous

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



691A1E



5C2800



473400

Triad

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



5C2800



004433



2E306C

Complementary

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



5C2800



00345C

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



5C2800



004451

Square

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



5C2800



004114



004168



572157

Rectangle

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



5C2800



353A00



004168



123570

Sweetspot

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



5C2800



786454



5C0034



3D3127



BDBDBD



3D3D3D

Same Dimension

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



5C2800



783400



5C5600



2E2B29



6E3000



ED6700

Inverse Universe

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



00345C



004478



00065C



292C2E



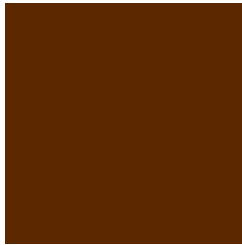
003E6E



0086ED

Previews

White Background



This preview shows how the Hex color 5C2800 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

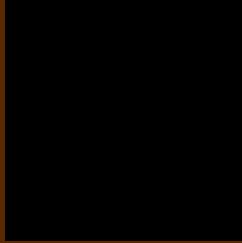
Any Text WCAG AA × Fail

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 5C2800 Background



This preview shows how black text looks on a background with the Hex color 5C2800.



This preview shows how white text looks on a background with the Hex color 5C2800.

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
5C2800

Protanopia
3F3809

Deuteranopia
473500



Tritanopia
5D2528

Trichromacy



Original Color
5C2800

Protanomaly
4A3206

Deuteranomaly
4F3000

Tritanomaly
5D2619

Monochromacy



Original Color
5C2800

Achromatopsia
333333

Achromatomaly
422F20

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C2800 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 #5C2800 looks like.

```
.text, #text, p{  
    color:#5C2800  
}
```

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 #5C2800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C2800
}
```

Border

The CSS property to change the border of an element to Hex 5C2800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

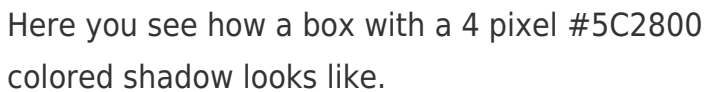
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C2800 }
```

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

```
.border{ border-color:#5C2800 }
```

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



Here you see how a box with a 4 pixel #5C2800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C2800; -webkit-box-shadow:4px 4px  
4px 4px #5C2800; box-shadow:4px 4px 4px  
4px #5C2800 }
```

Background

The CSS property to change the background color of an element to Hex 5C2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C2800 }
```

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

```
.background{ background-color:#5C2800 }
```

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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