

# Converting Colors

Hex(5C2B28)

Have a look what the booklet for  
Hex(5C2B28) contains.

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**Color**

**Hex(5C2B28)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C2B28
RGB	92, 43, 40
RGB Percent	36%, 17%, 16%
CMY	0.6392, 0.8314, 0.8431
CMYK	0.00, 0.53, 0.57, 0.64
HSL	3°, 39%, 26%
HSV	3°, 57%, 36%
XYZ	5.6605, 4.1563, 2.5114
YIQ	57.3090, 30.1670, 9.4550

# Conversions

## Conversions Part 2

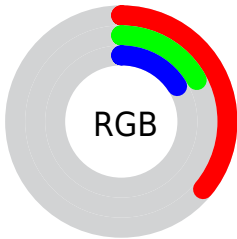
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 43, 40
Decimal	6040360
CIE Lab	24.18, 22.06, 12.35
CIE LCh	24, 25.282, 29.235
Yxy	4.1563, 0.4592, 0.3371
Android (android.graphics.Color)	4284230440 (0xFF5C2B28)
YUV	57.3090, -8.5333, 30.4240
Hunter-Lab	20.3869, 13.8841, 6.9672

# Details

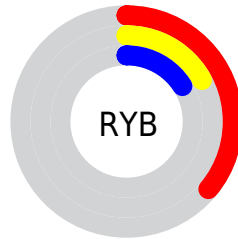
The Hex color **5C2B28** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **28595C**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **915A55**, and **2C0000** is the 20% darker color. If you saturate the color by 10%, you get **5C221F**, and if you desaturate by 10%, it is **5C3431**.

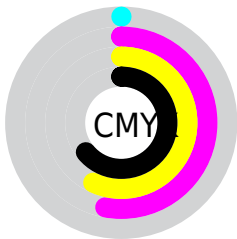
# Distribution



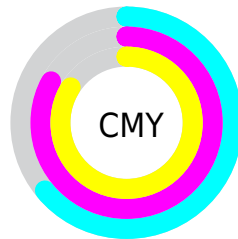
- Red (36%)
- Green (17%)
- Blue (16%)



- Red (36%)
- Yellow (17%)
- Blue (16%)



- Cyan (0%)
- Magenta (53%)
- Yellow (57%)
- Black (64%)



- Cyan (64%)
- Magenta (83%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C2B28 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 5C2B28 by changing the saturation by 10% instead.





5C2B28



5C2B28

FFFFFF



431514



915A55



2C0000



AC736D



000000



C98D87



E5A7A1



FFC3BC



FFDFD8



FFFBF4



5C2B28



5C2B28

■ 5C221F

■ 5C3431

■ 5C1A16

■ 5C3C3A

■ 5C110C

■ 5C4544

■ 5C0803

■ 5C4E4D

■ 5C0500

■ 5C5656

■ 5C5F5F

■ 5C6868

■ 5C7072

■ 5C797B

# Harmonies

## Analogous

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



5C293B



5C2B28



543119

# Triad

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



5C2B28



194125



123C5F

# Complementary

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



5C2B28



28595C

# 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.



00405A



5C2B28



004338

# Square

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



5C2B28



323E17



00434B



3A355B

# Rectangle

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



5C2B28



4A3613



00434B



003E5F



# Sweetspot

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



5C2B28



786563



5C2859



3D3231



BDBDBD



3D3D3D



# Same Dimension

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



5C2B28



782B26



5C4528



2E2A29



6E0600



ED0E00



# Inverse Universe

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



28595C



267378



283F5C



292E2E



00676E

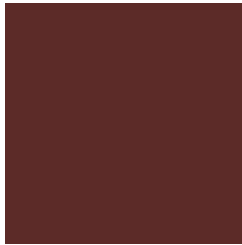


00DFED



# Previews

## White Background



This preview shows how the Hex color 5C2B28 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

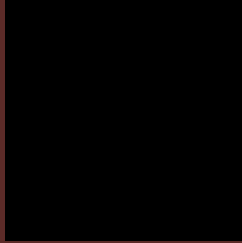
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5C2B28 Background



This preview shows how black text looks on a background with the Hex color 5C2B28.

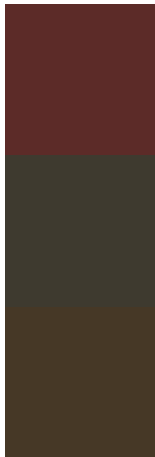


This preview shows how white text looks on a background with the Hex color 5C2B28.

# 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



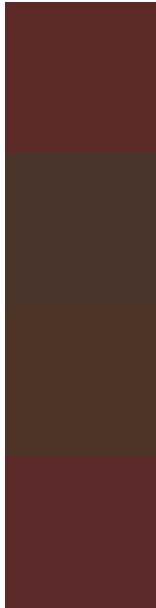
**Original Color**  
5C2B28

**Protanopia**  
3E3A2F

**Deuteranopia**  
463826



# Trichromacy



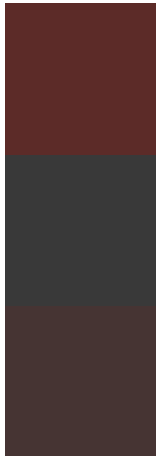
**Original Color**  
5C2B28

**Protanomaly**  
49352C

**Deuteranomaly**  
4E3327

**Tritanomaly**  
5C2A2B

# Monochromacy



**Original Color**  
5C2B28

**Achromatopsia**  
393939

**Achromatomaly**  
463433

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C2B28 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 #5C2B28 looks like.

```
.text, #text, p{  
    color:#5C2B28  
}
```

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 #5C2B28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C2B28
}
```

## Border

The CSS property to change the border of an element to Hex 5C2B28 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".

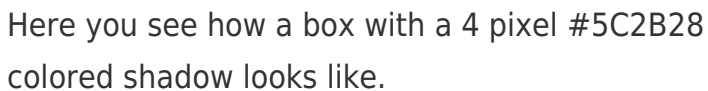
```
.border, #border, table{ border:4px solid
#5C2B28 }
```

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

```
.border{ border-color:#5C2B28 }
```

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

Here you see how a box with a 4 pixel #5C2B28 colored shadow looks like.

A rectangular box with a dark red border and a dark red drop shadow. The box is white with a thin dark red border. Below and to the right of the box is a dark red shadow, creating a 3D effect. The shadow is rectangular and matches the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C2B28; -webkit-box-shadow:4px 4px  
4px 4px #5C2B28; box-shadow:4px 4px 4px  
4px #5C2B28 }
```

# Background

The CSS property to change the background color of an element to Hex 5C2B28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C2B28 }
```

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

```
.background{ background-color:#5C2B28 }
```

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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