

# Converting Colors

Hex(5C312E)

Have a look what the booklet for  
Hex(5C312E) contains.

<b>Hex(5C312E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(5C312E)

# Conversions

## Conversions Part 1

Format	Color
Hex	5C312E
RGB	92, 49, 46
RGB Percent	36%, 19%, 18%
CMY	0.6392, 0.8078, 0.8196
CMYK	0.00, 0.47, 0.50, 0.64
HSL	4°, 33%, 27%
HSV	4°, 50%, 36%
XYZ	6.0051, 4.6692, 3.1695
YIQ	61.5150, 26.5910, 8.1830

# Conversions

## Conversions Part 2

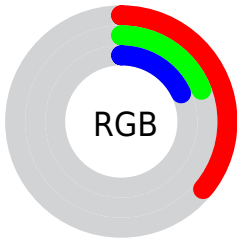
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">92, 49, 46</a>
Decimal	<a href="#">6041902</a>
CIELab	<a href="#">25.77, 19.10, 10.50</a>
CIElCh	<a href="#">26, 21.790, 28.793</a>
Yxy	<a href="#">4.6692, 0.4338, 0.3373</a>
Android (android.graphics.Color)	<a href="#">4284231982 (0xFF5C312E)</a>
YUV	<a href="#">61.5150, -7.6489, 26.7353</a>
Hunter-Lab	<a href="#">21.6083, 11.7917, 6.4292</a>




# Details

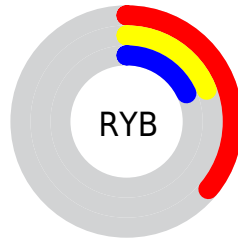
The Hex color **5C312E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2E595C**, and the grayscale version is **3E3E3E**.




A 20% lighter version of the original color is **90605C**, and **2C0500** is the 20% darker color. If you saturate the color by 10%, you get **5C2825**, and if you desaturate by 10%, it is **5C3A37**.

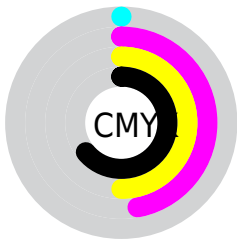
# Distribution







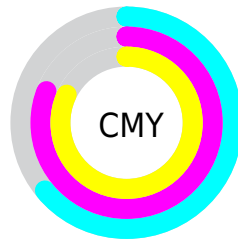
-  Red (36%)
-  Green (19%)
-  Blue (18%)






-  Red (36%)
-  Yellow (19%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (47%)
-  Yellow (50%)
-  Black (64%)



-  Cyan (64%)
-  Magenta (81%)
-  Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C312E 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 5C312E by changing the saturation by 10% instead.



 5C312E

 5C312E

FFFFFF

 431B19

 90605C

 2C0500

 AC7974

 020000

 C8938E

 000000

 E4AEA8

 FFC9C3

 FFE5DF

 FFFFFC

 5C312E

 5C312E

■ 5C2825

■ 5C3A37

■ 5C201C

■ 5C4240

■ 5C1712

■ 5C4B4A

■ 5C0F09

■ 5C5353

■ 5C0600

■ 5C5C5C

■ 5C6565

■ 5C6D6E

■ 5C7678

■ 5C7E81

# Harmonies

## Analogous

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



5B303E



5C312E



553621

# Triad

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



5C312E



23442B



213F5E

# Complementary

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



5C312E



2E595C

# 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.



004359



5C312E



03463C

# Square

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



5C312E



37411F



00454C



3D395A

# Rectangle

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



5C312E



4D3A1C



00454C



14415D



# Sweetspot

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



5C312E



786766



5C2E5A



3D3332



BDBDBD



3D3D3D



# Same Dimension

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



5C312E



783530



5C472E



2E2A29



6E0700



ED0F00



# Inverse Universe

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



2E595C



307378



2E435C



292E2E



00666E



00DEED



# Previews

## White Background



This preview shows how the Hex color 5C312E 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

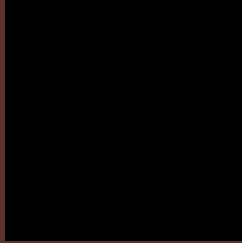
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C312E Background



This preview shows how black text looks on a background with the Hex color 5C312E.

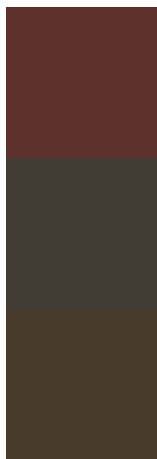


This preview shows how white text looks on a background with the Hex color 5C312E.

# 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**  
5C312E

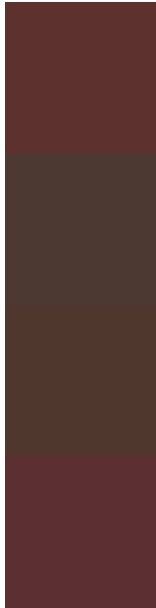
**Protanopia**  
413D34

**Deuteranopia**  
493B2C



**Tritanopia**  
5C3034

# Trichromacy



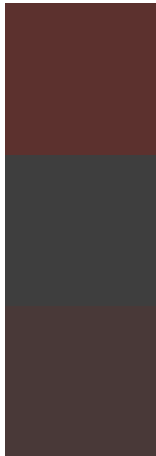
**Original Color**  
5C312E

**Protanomaly**  
4B3932

**Deuteranomaly**  
50372D

**Tritanomaly**  
5C3032

# Monochromacy



**Original Color**  
5C312E

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
493938

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C312E 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 #5C312E looks like.

```
.text, #text, p{  
    color:#5C312E  
}
```

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 #5C312E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C312E
}
```

## Border

The CSS property to change the border of an element to Hex 5C312E 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".

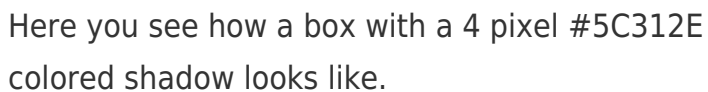
```
.border, #border, table{ border:4px solid
#5C312E }
```

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

```
.border{ border-color:#5C312E }
```

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

Here you see how a box with a 4 pixel #5C312E colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C312E; -webkit-box-shadow:4px 4px  
4px 4px #5C312E; box-shadow:4px 4px 4px  
4px #5C312E }
```

# Background

The CSS property to change the background color of an element to Hex 5C312E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C312E }
```

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

```
.background{ background-color:#5C312E }
```

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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