

# Converting Colors

Hex(5D313C)

Have a look what the booklet for  
Hex(5D313C) contains.

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**Color**

**Hex(5D313C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D313C
RGB	93, 49, 60
RGB Percent	36%, 19%, 24%
CMY	0.6353, 0.8078, 0.7647
CMYK	0.00, 0.47, 0.35, 0.64
HSL	345°, 31%, 28%
HSV	345°, 47%, 36%
XYZ	6.4281, 4.8500, 4.8723
YIQ	63.4100, 22.6930, 12.7490

# Conversions

## Conversions Part 2

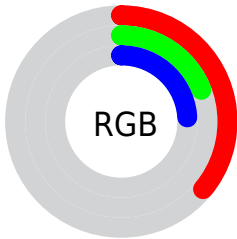
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 49, 60
Decimal	6107452
CIELab	26.30, 21.37, 1.93
CIELCh	26, 21.459, 5.164
Yxy	4.8500, 0.3980, 0.3003
Android (android.graphics.Color)	4284297532 (0xFF5D313C)
YUV	63.4100, -1.6811, 25.9504
Hunter-Lab	22.0228, 13.5617, 2.2986

# Details

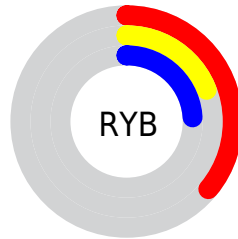
The Hex color **5D313C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **315D52**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **91606B**, and **2D0512** is the 20% darker color. If you saturate the color by 10%, you get **5D2835**, and if you desaturate by 10%, it is **5D3A43**.

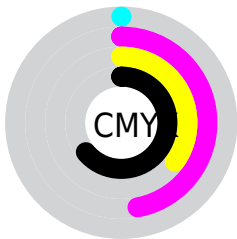
# Distribution



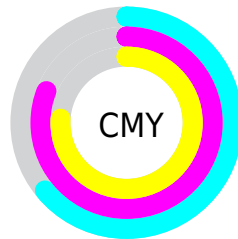
- Red (36%)
- Green (19%)
- Blue (24%)



- Red (36%)
- Yellow (19%)
- Blue (24%)



- Cyan (0%)
- Magenta (47%)
- Yellow (35%)
- Black (64%)



- Cyan (64%)
- Magenta (81%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D313C 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 5D313C by changing the saturation by 10% instead.




 5D313C

 5D313C

FFFFFF

 441B26

 91606B

 2D0512

 AC7984

 0E0000

 C8939E

 000000

 E4AEB9

 FFCAD5

 FFE6F1

 5D313C

 5D313C

 5D2835

 5D3A43

■ 5D1E2E

■ 5D444A

■ 5D1527

■ 5D4D51

■ 5D0C20

■ 5D5658

■ 5D0219

■ 5D5F5F

■ 5D0017

■ 5D6966

■ 5D726D

■ 5D7B74

■ 5D857B

# Harmonies

## Analogous

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



55334C



5D313C



5C332C

# Triad

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



5D313C



344323



01445C

# Complementary

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



5D313C



315D52

# 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.



004651



5D313C



204630

# Square

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



5D313C



463E1D



004741



2A3F5F

# Rectangle

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



5D313C



573724



004741



004559



# Sweetspot

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



5D313C



78676B



52315D



3D3335



BDBDBD



3D3D3D



# Same Dimension

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



5D313C



783445



5D3C31



2E292A



6E001B



ED003B



# Inverse Universe

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



5D313C



783445



31525D



2E292A



6E001B

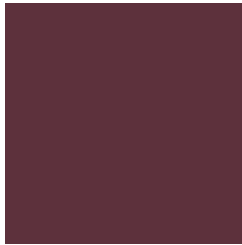


ED003B



# Previews

## White Background



This preview shows how the Hex color 5D313C looks on a white background.

## Color Contrast Check

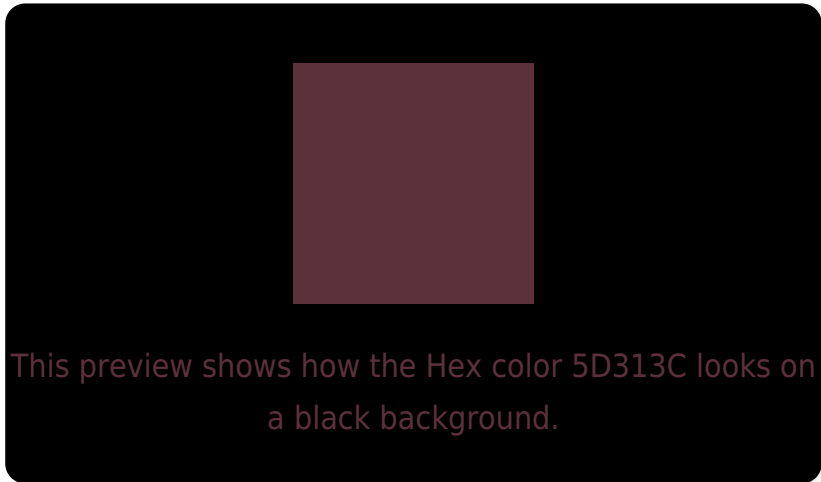
Large Text (above 18pt) WCAG AA ✓ Pass

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

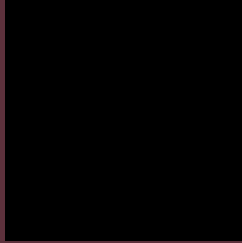
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D313C Background



This preview shows how black text looks on a background with the Hex color 5D313C.



This preview shows how white text looks on a background with the Hex color 5D313C.

# 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**  
5D313C

**Protanopia**  
3E3E44

**Deuteranopia**  
473D3A



**Tritanopia**  
5C3236

# Trichromacy



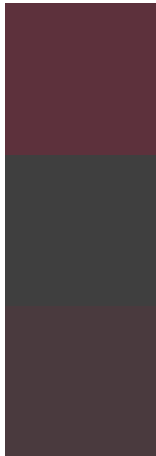
**Original Color**  
5D313C

**Protanomaly**  
493941

**Deuteranomaly**  
4F393B

**Tritanomaly**  
5C3238

# Monochromacy



**Original Color**  
5D313C

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
4A3A3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D313C 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 #5D313C looks like.

```
.text, #text, p{  
    color:#5D313C  
}
```

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 #5D313C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D313C
}
```

## Border

The CSS property to change the border of an element to Hex 5D313C 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
#5D313C }
```

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

```
.border{ border-color:#5D313C }
```

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

Here you see how a box with a 4 pixel #5D313C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D313C; -webkit-box-shadow:4px 4px  
4px 4px #5D313C; box-shadow:4px 4px 4px  
4px #5D313C }
```

# Background

The CSS property to change the background color of an element to Hex 5D313C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D313C }
```

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

```
.background{ background-color:#5D313C }
```

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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