

# Converting Colors

Hex(5F3C31)

Have a look what the booklet for  
Hex(5F3C31) contains.

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**Color**

**Hex(5F3C31)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F3C31
RGB	95, 60, 49
RGB Percent	37%, 24%, 19%
CMY	0.6275, 0.7647, 0.8078
CMYK	0.00, 0.37, 0.48, 0.63
HSL	14°, 32%, 28%
HSV	14°, 48%, 37%
XYZ	6.8896, 5.8864, 3.6788
YIQ	69.2110, 24.3910, 3.9990

# Conversions

## Conversions Part 2

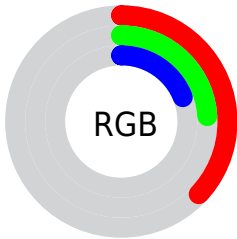
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 63, 49
Decimal	6241329
CIELab	29.12, 13.98, 13.14
CIELCh	29, 19.185, 43.243
Yxy	5.8864, 0.4187, 0.3577
Android (android.graphics.Color)	4284431409 (0xFF5F3C31)
YUV	69.2110, -9.9640, 22.6170
Hunter-Lab	24.2618, 8.2298, 7.9932

# Details

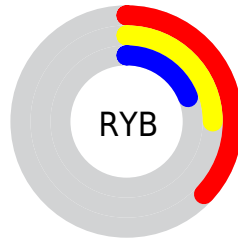
The Hex color **5F3C31** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **31545F**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **936C5F**, and **2F1102** is the 20% darker color. If you saturate the color by 10%, you get **5F3528**, and if you desaturate by 10%, it is **5F433B**.

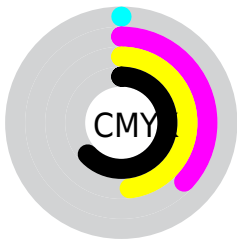
# Distribution



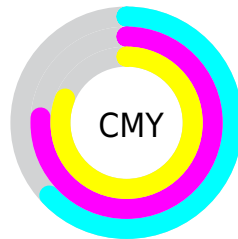
- Red (37%)
- Green (24%)
- Blue (19%)



- Red (37%)
- Yellow (25%)
- Blue (19%)



- Cyan (0%)
- Magenta (37%)
- Yellow (48%)
- Black (63%)



- Cyan (63%)
- Magenta (76%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F3C31 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 5F3C31 by changing the saturation by 10% instead.



■ 5F3C31

■ 5F3C31

FFFFFF

■ 46261C

■ 936C5F

■ 2F1102

■ AE8578

■ 160000

■ CA9F92

■ 000000

■ E7BAAC

■ FFD6C8

■ FFF2E4

■ 5F3C31

■ 5F3C31

■ 5F3528

■ 5F433B

■ 5F2E1E

■ 5F4A44

■ 5F2615

■ 5F524E

■ 5F1F0B

■ 5F5957

■ 5F1802

■ 5F6061

■ 5F1700

■ 5F676A

■ 5F6F74

■ 5F767D

■ 5F7D87

# Harmonies

## Analogous

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



62393F



5F3C31



564128

# Triad

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



5F3C31



254C3C



3A4461

# Complementary

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



5F3C31



31545F

# 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.



214961



5F3C31



114D4B

# Square

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



5F3C31



374A2F



0B4C58



4F3E5A

# Rectangle

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



5F3C31



4D4427



0B4C58



324662



# Sweetspot

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



5F3C31



7A6C68



5F3154



3D3532



BDBDBD



3D3D3D



# Same Dimension

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



5F3C31



7A4433



5F5331



302D2C



701B00



F03900



# Inverse Universe

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



31545F



33697A



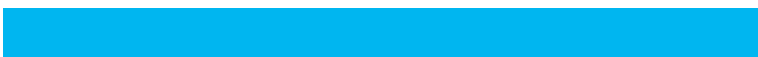
313D5F



2C2F30



005570



00B6F0



# Previews

## White Background



This preview shows how the Hex color 5F3C31 looks on a white background.

## Color Contrast Check

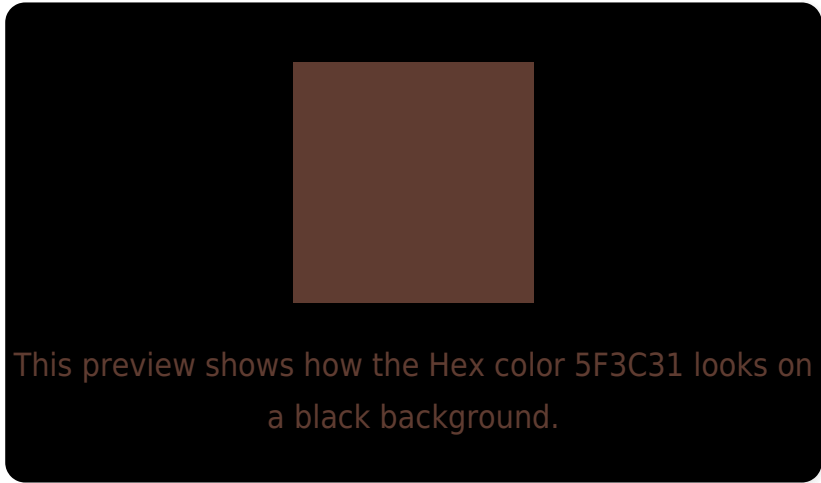
Large Text (above 18pt) WCAG AA ✓ Pass

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

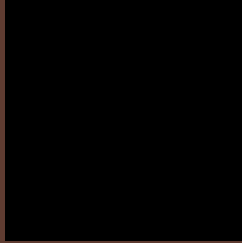
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F3C31 Background



This preview shows how black text looks on a background with the Hex color 5F3C31.

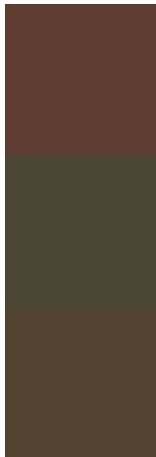


This preview shows how white text looks on a background with the Hex color 5F3C31.

# 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**  
5F3C31

**Protanopia**  
4A4535

**Deuteranopia**  
524230



**Tritanopia**  
603A3E

# Trichromacy



**Original Color**  
5F3C31

**Protanomaly**  
524234

**Deuteranomaly**  
574030

**Tritanomaly**  
603B39

# Monochromacy



**Original Color**  
5F3C31

**Achromatopsia**  
454545

**Achromatomaly**  
4E423E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F3C31 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 #5F3C31 looks like.

```
.text, #text, p{  
    color:#5F3C31  
}
```

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 #5F3C31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F3C31
}
```

## Border

The CSS property to change the border of an element to Hex 5F3C31 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".

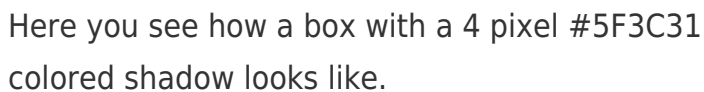
```
.border, #border, table{ border:4px solid
#5F3C31 }
```

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

```
.border{ border-color:#5F3C31 }
```

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

Here you see how a box with a 4 pixel #5F3C31 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F3C31; -webkit-box-shadow:4px 4px  
4px 4px #5F3C31; box-shadow:4px 4px 4px  
4px #5F3C31 }
```

# Background

The CSS property to change the background color of an element to Hex 5F3C31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F3C31 }
```

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

```
.background{ background-color:#5F3C31 }
```

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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