

# Converting Colors

Hex(5F4C40)

Have a look what the booklet for  
Hex(5F4C40) contains.

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# Color

**Hex(5F4C40)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F4C40
RGB	95, 76, 64
RGB Percent	37%, 30%, 25%
CMY	0.6275, 0.7020, 0.7490
CMYK	0.00, 0.20, 0.33, 0.63
HSL	23°, 19%, 31%
HSV	23°, 33%, 37%
XYZ	8.2292, 7.9719, 5.9555
YIQ	80.3130, 15.1760, 0.2960

# Conversions

## Conversions Part 2

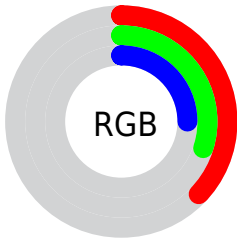
Format	Color
<a href="#">RYB</a>	<a href="#">95, 84, 64</a>
Decimal	<a href="#">6245440</a>
CIELab	<a href="#">33.92, 6.00, 10.16</a>
CIELCh	<a href="#">34, 11.799, 59.414</a>
Yxy	<a href="#">7.9719, 0.3714, 0.3598</a>
Android (android.graphics.Color)	<a href="#">4284435520</a> ( <a href="#">0xFF5F4C40</a> )
YUV	<a href="#">80.3130, -8.0423, 12.8805</a>
Hunter-Lab	<a href="#">28.2346, 2.6144, 7.2583</a>

# Details

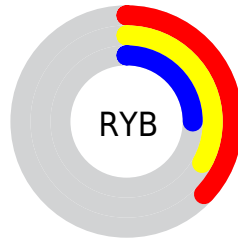
The Hex color **5F4C40** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **40535F**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **927D70**, and **302016** is the 20% darker color. If you saturate the color by 10%, you get **5F4637**, and if you desaturate by 10%, it is **5F524A**.

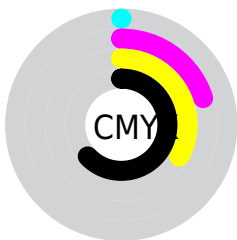
# Distribution



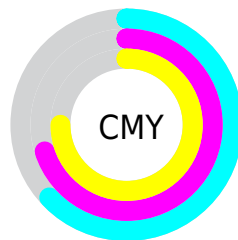
- Red (37%)
- Green (30%)
- Blue (25%)



- Red (37%)
- Yellow (33%)
- Blue (25%)



- Cyan (0%)
- Magenta (20%)
- Yellow (33%)
- Black (63%)



- Cyan (63%)
- Magenta (70%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F4C40 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 5F4C40 by changing the saturation by 10% instead.



■ 5F4C40

■ 5F4C40

FFFFFF

■ 47352A

■ 927D70

■ 302016

■ AD9789

■ 1C0900

■ C8B1A3

■ 000000

■ E5CDBE

■ FFE9DA

■ FFFFF7

■ 5F4C40

■ 5F4C40

■ 5F4637

■ 5F524A

 5F402D

 5F5853

 5F3B23

 5F5D5D

 5F351A

 5F6366

 5F2F10

 5F696F

 5F2907

 5F6F79

 5F2500

 5F7583

 5F7B8C

 5F8096

# Harmonies

## Analogous

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



634A47



5F4C40



574F3D

# Triad

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



5F4C40



3A554F



514D60

# Complementary

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



5F4C40



40535F

# 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.



455162



5F4C40



365559

# Square

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



5F4C40



425446



3A5360



5C4B59

# Rectangle

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



5F4C40



50513E



3A5360



4D4F61



# Sweetspot

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



5F4C40



7A736E



5F4053



3D3936



BDBDBD



3D3D3D



# Same Dimension

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



5F4C40



7A5D4B



5F5B40



302D2C



702B00



F05D00



# Inverse Universe

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



40535F



4B687A



40445F



2C2F30



004570



0093F0



# Previews

## White Background



This preview shows how the Hex color 5F4C40 looks on a white background.

## Color Contrast Check

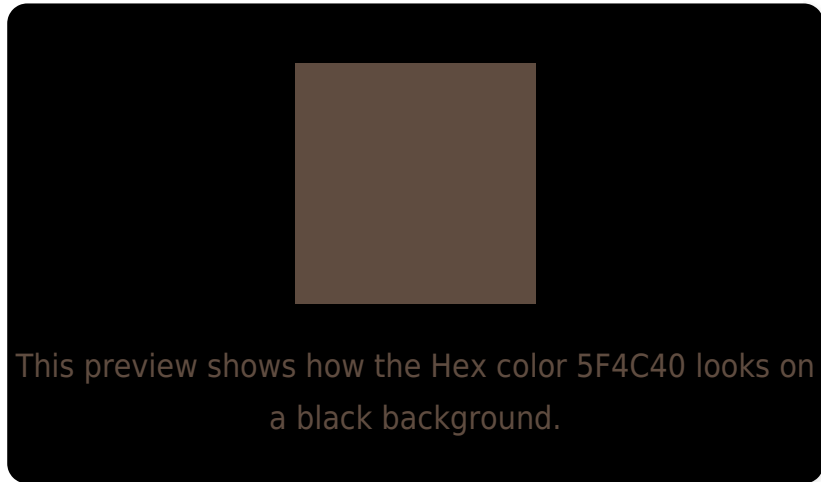
Large Text (above 18pt) WCAG AA ✓ Pass

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

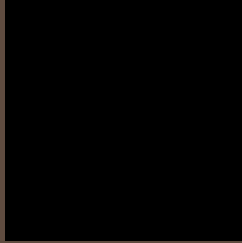
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F4C40 Background



This preview shows how black text looks on a background with the Hex color 5F4C40.

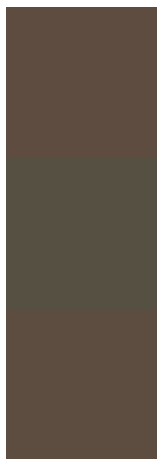


This preview shows how white text looks on a background with the Hex color 5F4C40.

# 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**  
5F4C40

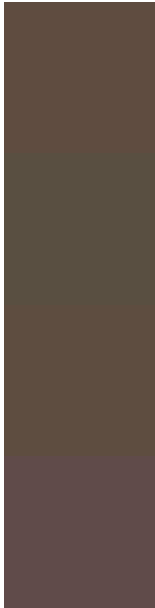
**Protanopia**  
555042

**Deuteranopia**  
5D4D40



**Tritanopia**  
614A50

# Trichromacy



**Original Color**  
5F4C40

**Protanomaly**  
594F41

**Deuteranomaly**  
5E4D40

**Tritanomaly**  
604B4A

# Monochromacy



**Original Color**  
5F4C40

**Achromatopsia**  
505050

**Achromatomaly**  
554F4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F4C40 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 #5F4C40 looks like.

```
.text, #text, p{  
    color:#5F4C40  
}
```

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 #5F4C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F4C40
}
```

## Border

The CSS property to change the border of an element to Hex 5F4C40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

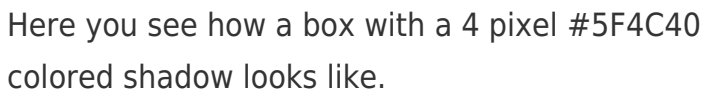
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F4C40 }
```

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

```
.border{ border-color:#5F4C40 }
```

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



Here you see how a box with a 4 pixel #5F4C40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F4C40; -webkit-box-shadow:4px 4px  
4px 4px #5F4C40; box-shadow:4px 4px 4px  
4px #5F4C40 }
```

# Background

The CSS property to change the background color of an element to Hex 5F4C40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F4C40 }
```

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

```
.background{ background-color:#5F4C40 }
```

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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