

# Converting Colors

Hex(5D4739)

Have a look what the booklet for  
Hex(5D4739) contains.

<b>Hex(5D4739)</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(5D4739)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D4739
RGB	93, 71, 57
RGB Percent	36%, 28%, 22%
CMY	0.6353, 0.7216, 0.7765
CMYK	0.00, 0.24, 0.39, 0.64
HSL	23°, 24%, 29%
HSV	23°, 39%, 36%
XYZ	7.5060, 7.1290, 4.8513
YIQ	75.9820, 17.6060, 0.3100

# Conversions

## Conversions Part 2

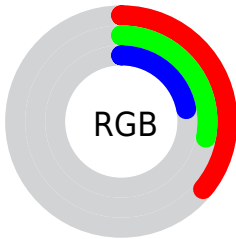
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 80, 57
Decimal	6113081
CIELab	32.10, 7.19, 12.03
CIELCh	32, 14.013, 59.116
Yxy	7.1290, 0.3852, 0.3658
Android (android.graphics.Color)	4284303161 (0xFF5D4739)
YUV	75.9820, -9.3581, 14.9248
Hunter-Lab	26.7003, 3.4543, 7.9174

# Details

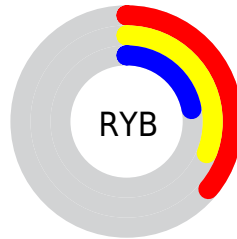
The Hex color **5D4739** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **394F5D**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **907768**, and **2E1C0E** is the 20% darker color. If you saturate the color by 10%, you get **5D4130**, and if you desaturate by 10%, it is **5D4D42**.

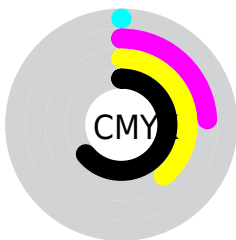
# Distribution



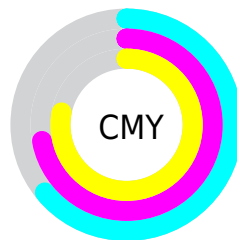
- Red (36%)
- Green (28%)
- Blue (22%)



- Red (36%)
- Yellow (31%)
- Blue (22%)



- Cyan (0%)
- Magenta (24%)
- Yellow (39%)
- Black (64%)



- Cyan (64%)
- Magenta (72%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D4739 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 5D4739 by changing the saturation by 10% instead.



 5D4739

 5D4739

FFFFFF

 453123

 907768

 2E1C0E

 AB9181

 180200

 C7AC9B

 000000

 E3C7B6

 FFE3D2

 FFFFEE

 5D4739

 5D4739

 5D4130

 5D4D42

■ 5D3C26

■ 5D524C

■ 5D361D

■ 5D5855

■ 5D3014

■ 5D5E5E

■ 5D2B0B

■ 5D6368

■ 5D2501

■ 5D6971

■ 5D2400

■ 5D6F7A

■ 5D7483

■ 5D7A8D

# Harmonies

## Analogous

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



624441



5D4739



544B36

# Triad

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



5D4739



30524B



4D495F

# Complementary

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



5D4739



394F5D

# 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.



3E4D61



5D4739



2B5156

# Square

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



5D4739



3C5140



30505E



594557

# Rectangle

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



5D4739



4C4D37



30505E



484A60



# Sweetspot

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



5D4739



786F69



5D394F



3D3835



BDBDBD



3D3D3D



# Same Dimension

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



5D4739



785641



5D5939



2E2B29



6E2B00



ED5C00



# Inverse Universe

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



394F5D



416278



393D5D



292C2E



00436E



0091ED



# Previews

## White Background



This preview shows how the Hex color 5D4739 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

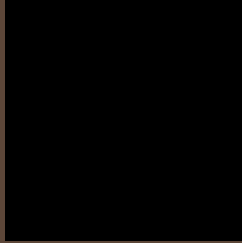
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D4739 Background



This preview shows how black text looks on a background with the Hex color 5D4739.

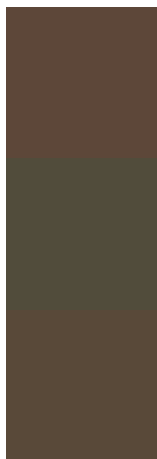


This preview shows how white text looks on a background with the Hex color 5D4739.

# 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**  
5D4739

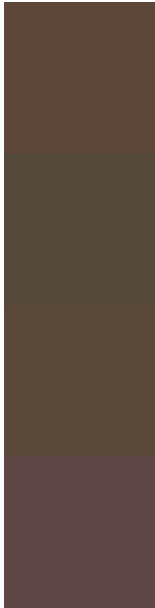
**Protanopia**  
514C3B

**Deuteranopia**  
594939



**Tritanopia**  
5F454A

# Trichromacy



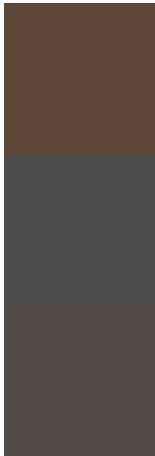
**Original Color**  
5D4739

**Protanomaly**  
554A3A

**Deuteranomaly**  
5A4839

**Tritanomaly**  
5E4644

# Monochromacy



**Original Color**  
5D4739

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
524A45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D4739 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 #5D4739 looks like.

```
.text, #text, p{  
    color:#5D4739  
}
```

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 #5D4739 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D4739
}
```

## Border

The CSS property to change the border of an element to Hex 5D4739 is called "border". The border property can be set on classes, ids or directly on the HTML element.

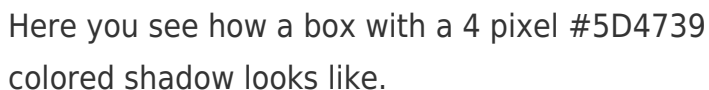
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D4739 }
```

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

```
.border{ border-color:#5D4739 }
```

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



Here you see how a box with a 4 pixel #5D4739 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D4739; -webkit-box-shadow:4px 4px  
4px 4px #5D4739; box-shadow:4px 4px 4px  
4px #5D4739 }
```

# Background

The CSS property to change the background color of an element to Hex 5D4739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D4739 }
```

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

```
.background{ background-color:#5D4739 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor