

# Converting Colors

Hex(5C3D44)

Have a look what the booklet for  
Hex(5C3D44) contains.

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# Color

Hex(5C3D44)

# Conversions

## Conversions Part 1

Format	Color
Hex	5C3D44
RGB	92, 61, 68
RGB Percent	36%, 24%, 27%
CMY	0.6392, 0.7608, 0.7333
CMYK	0.00, 0.34, 0.26, 0.64
HSL	346°, 20%, 30%
HSV	346°, 34%, 36%
XYZ	7.1258, 6.0302, 6.2572
YIQ	71.0670, 16.2290, 8.7490

# Conversions

## Conversions Part 2

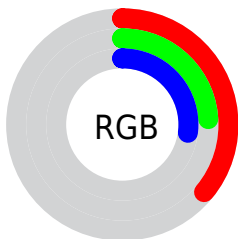
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 61, 68
Decimal	6044996
CIELab	29.49, 14.76, 1.25
CIELCh	29, 14.813, 4.835
Yxy	6.0302, 0.3671, 0.3106
Android (android.graphics.Color)	4284235076 (0xFF5C3D44)
YUV	71.0670, -1.5120, 18.3582
Hunter-Lab	24.5564, 8.8235, 2.0818

# Details


The Hex color **5C3D44** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3D5C55**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **8F6D74**, and **2D1219** is the 20% darker color. If you saturate the color by 10%, you get **5C343D**, and if you desaturate by 10%, it is **5C464B**.

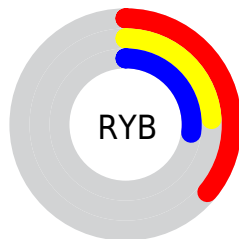
# Distribution



 Red (36%)

 Green (24%)

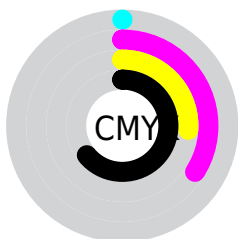
 Blue (27%)




 Red (36%)

 Yellow (24%)

 Blue (27%)

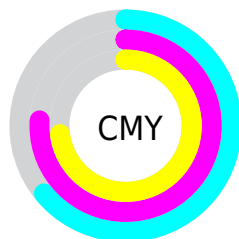



 Cyan (0%)


 Magenta (34%)

 Yellow (26%)

 Black (64%)



 Cyan (64%)

 Magenta (76%)

 Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C3D44 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 5C3D44 by changing the saturation by 10% instead.





5C3D44



5C3D44

FFFFFF



44272E



8F6D74



2D1219



AA868E



190001



C5A0A8



000000



E1BCC3



FED7DF



FFF4FC



5C3D44



5C3D44



5C343D



5C464B

 5C2B36

 5C4F52

 5C212F

 5C5959

 5C1828

 5C6260

 5C0F20

 5C6B68

 5C0619

 5C746F

 5C0015

 5C7D76

 5C877D

 5C9084

# Harmonies

## Analogous

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



563E4F



5C3D44



5C3E39

# Triad

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



5C3D44



3F4932



2A495A

# Complementary

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



5C3D44



3D5C55

# 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.



224B52



5C3D44



324B3B

# Square

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



5C3D44



4C452F



274C47



3A465C

# Rectangle

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



5C3D44



584033



274C47



264A58



# Sweetspot

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



5C3D44



786C6F



553D5C



3D3638



BDBDBD



3D3D3D



# Same Dimension

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



5C3D44



784853



5C453D



2E292A



6E0019



ED0036



# Inverse Universe

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



5C3D44



784853



3D545C



2E292A



6E0019

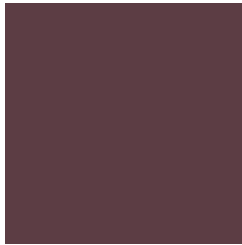


ED0036



# Previews

## White Background



This preview shows how the Hex color 5C3D44 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

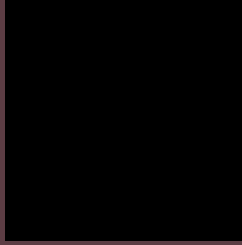
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C3D44 Background



This preview shows how black text looks on a background with the Hex color 5C3D44.



This preview shows how white text looks on a background with the Hex color 5C3D44.

# 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**  
5C3D44

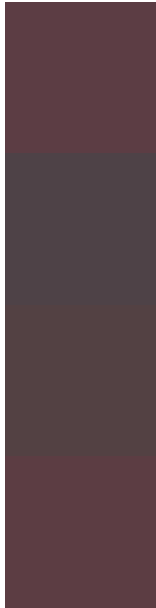
**Protanopia**  
464549

**Deuteranopia**  
4E4343



**Tritanopia**  
5C3D42

# Trichromacy



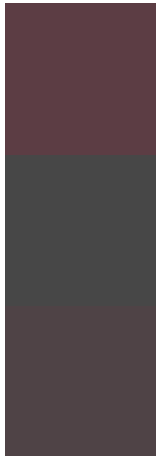
**Original Color**  
5C3D44

**Protanomaly**  
4E4247

**Deuteranomaly**  
534143

**Tritanomaly**  
5C3D43

# Monochromacy



**Original Color**  
5C3D44

**Achromatopsia**  
474747

**Achromatomaly**  
4F4346

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C3D44 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 #5C3D44 looks like.

```
.text, #text, p{  
    color:#5C3D44  
}
```

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 #5C3D44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C3D44
}
```

## Border

The CSS property to change the border of an element to Hex 5C3D44 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".

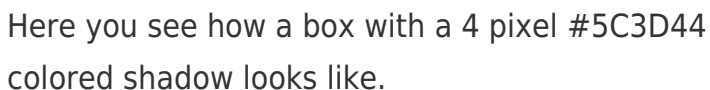
```
.border, #border, table{ border:4px solid
#5C3D44 }
```

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

```
.border{ border-color:#5C3D44 }
```

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

Here you see how a box with a 4 pixel #5C3D44 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border. Below the box, there is a thick dark blue shadow that is wider on the left and right sides and narrower on the top and bottom sides, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C3D44; -webkit-box-shadow:4px 4px  
4px 4px #5C3D44; box-shadow:4px 4px 4px  
4px #5C3D44 }
```

# Background

The CSS property to change the background color of an element to Hex 5C3D44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C3D44 }
```

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

```
.background{ background-color:#5C3D44 }
```

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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