

# Converting Colors

Hex(573737)

Have a look what the booklet for  
Hex(573737) contains.

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# Color

Hex(573737)

# Conversions

## Conversions Part 1

Format	Color
Hex	573737
RGB	87, 55, 55
RGB Percent	34%, 22%, 22%
CMY	0.6588, 0.7843, 0.7843
CMYK	0.00, 0.37, 0.37, 0.66
HSL	0°, 23%, 28%
HSV	0°, 37%, 34%
XYZ	5.9863, 5.0344, 4.2707
YIQ	64.5680, 19.0720, 6.7840

# Conversions

## Conversions Part 2

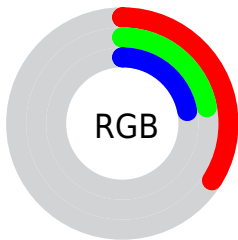
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 55, 55
Decimal	5715767
CIE <sub>Lab</sub>	26.83, 14.31, 5.90
CIE <sub>LCh</sub>	27, 15.478, 22.394
Yxy	5.0344, 0.3915, 0.3292
Android (android.graphics.Color)	4283905847 (0xFF573737)
YUV	64.5680, -4.7170, 19.6729
Hunter-Lab	22.4376, 8.3573, 4.4213

# Details

The Hex color **573737** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **375757**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **8A6666**, and **280C0B** is the 20% darker color. If you saturate the color by 10%, you get **572E2E**, and if you desaturate by 10%, it is **574040**.

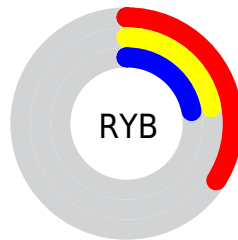
# Distribution



Red (34%)

Green (22%)

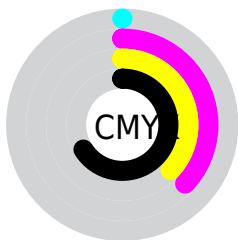
Blue (22%)



Red (34%)

Yellow (22%)

Blue (22%)

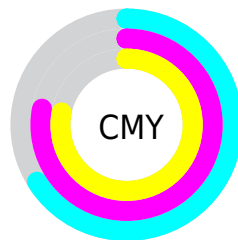


Cyan (0%)

Magenta (37%)

Yellow (37%)

Black (66%)



Cyan (66%)

Magenta (78%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 573737 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 573737 by changing the saturation by 10% instead.





573737



573737

FFFFFF



3F2122



8A6666



280C0B



A57F7F



020000



C09999



000000



DCB4B3



F9D0CF



FFECEB



573737



573737



572E2E



574040

■ 572626

■ 574848

■ 571D1D

■ 575151

■ 571414

■ 575A5A

■ 570C0C

■ 576363

■ 570303

■ 576B6B

■ 570000

■ 577474

■ 577D7D

■ 578585

# Harmonies

## Analogous

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



553743



573737



533A2D

# Triad

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



573737



314431



2B4157

# Complementary

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



573737



375757

# 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.



1C4452



573737



23463C

# Square

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



573737



3F4129



194648



3D3D55

# Rectangle

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



573737



4E3C29



194648



264356



# Sweetspot

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



573737



706464



573757



383131



B8B8B8



383838



# Same Dimension

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



573737



703F3F



574737



2B2727



6B0000



EB0000



# Inverse Universe

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



375757



3F7070



374757



272B2B



006B6B

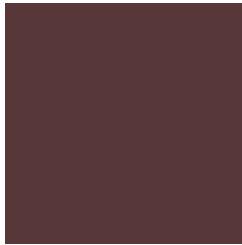


00EBEB



# Previews

## White Background



This preview shows how the Hex color 573737 looks on a white background.

## Color Contrast Check

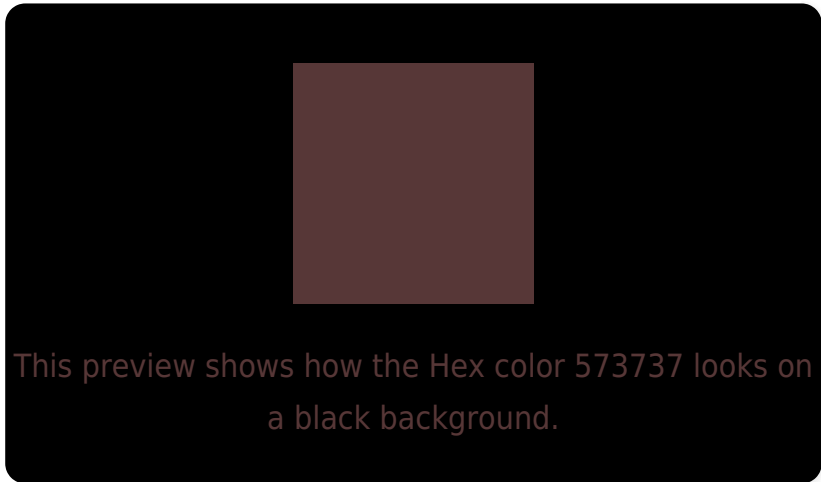
Large Text (above 18pt) WCAG AA ✓ Pass

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

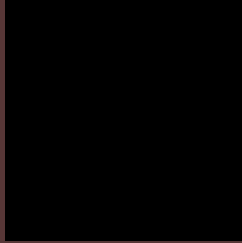
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 573737 Background



This preview shows how black text looks on a background with the Hex color 573737.

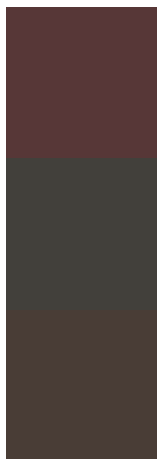


This preview shows how white text looks on a background with the Hex color 573737.

# 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**  
573737

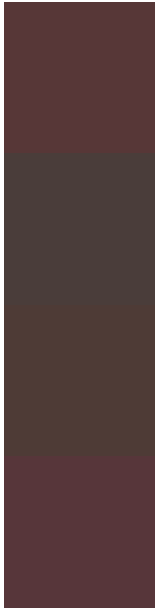
**Protanopia**  
42403B

**Deuteranopia**  
493D36



**Tritanopia**  
57363B

# Trichromacy



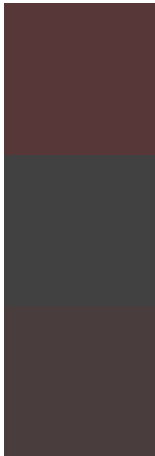
**Original Color**  
573737

**Protanomaly**  
4A3D3A

**Deuteranomaly**  
4E3B36

**Tritanomaly**  
57363A

# Monochromacy



**Original Color**  
573737

**Achromatopsia**  
414141

**Achromatomaly**  
493D3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 573737 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 #573737 looks like.

```
.text, #text, p{  
    color:#573737  
}
```

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 #573737 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #573737
}
```

## Border

The CSS property to change the border of an element to Hex 573737 is called "border". The border property can be set on classes, ids or directly on the HTML element.

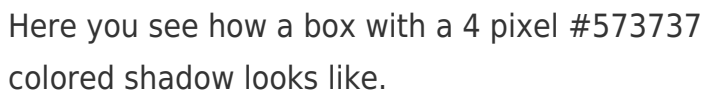
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#573737 }
```

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

```
.border{ border-color:#573737 }
```

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



Here you see how a box with a 4 pixel #573737 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #573737; -webkit-box-shadow:4px 4px  
4px 4px #573737; box-shadow:4px 4px 4px  
4px #573737 }
```

# Background

The CSS property to change the background color of an element to Hex 573737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#573737 }
```

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

```
.background{ background-color:#573737 }
```

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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