

Converting Colors

Hex(573D42)

Have a look what the booklet for
Hex(573D42) contains.

| | |
|--|----|
| Hex(573D42) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(573D42)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 573D42 |
| RGB | 87, 61, 66 |
| RGB Percent | 34%, 24%, 26% |
| CMY | 0.6588, 0.7608, 0.7412 |
| CMYK | 0.00, 0.30, 0.24, 0.66 |
| HSL | 348°, 18%, 29% |
| HSV | 348°, 30%, 34% |
| XYZ | 6.5826, 5.7571, 5.9185 |
| YIQ | 69.3440, 13.8910, 7.0670 |

Conversions

Conversions Part 2

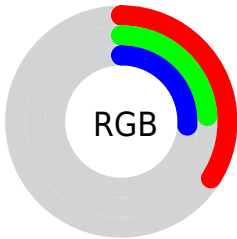
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 87, 61, 66 |
| Decimal | 5717314 |
| CIELab | 28.79, 12.27, 1.46 |
| CIELCh | 29, 12.354, 6.809 |
| Yxy | 5.7571, 0.3605, 0.3153 |
| Android (android.graphics.Color) | 4283907394 (0xFF573D42) |
| YUV | 69.3440, -1.6486, 15.4843 |
| Hunter-Lab | 23.9939, 6.9812, 2.1707 |

Details

The Hex color **573D42** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3D5752**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **896D72**, and **291217** is the 20% darker color. If you saturate the color by 10%, you get **57343B**, and if you desaturate by 10%, it is **574649**.

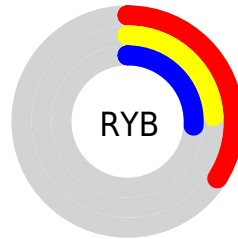
Distribution



Red (34%)

Green (24%)

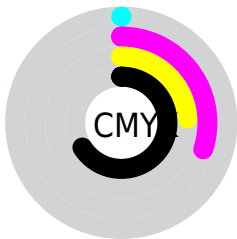
Blue (26%)



Red (34%)

Yellow (24%)

Blue (26%)

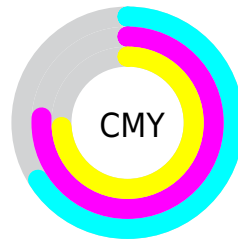


Cyan (0%)

Magenta (30%)

Yellow (24%)

Black (66%)



Cyan (66%)

Magenta (76%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 573D42 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 573D42 by changing the saturation by 10% instead.

■ 573D42

■ 573D42

FFFFFF

■ 3F272C

■ 896D72

■ 291217

■ A4868B

■ 110000

■ BFA0A6

■ 000000

■ DBBBC1

■ F8D7DD

■ FFF3F9

■ 573D42

■ 573D42

■ 57343B

■ 574649

■ 572C34

■ 574E50

■ 57232D

■ 575757

■ 571A26

■ 57605E

■ 57121F

■ 576965

■ 570918

■ 57716C

■ 570011

■ 577A73

■ 57837A

■ 578B81

Harmonies

Analogous

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



523E4C



573D42



573E39

Triad

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



573D42



3E4734



2F4755

Complementary

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



573D42



3D5752

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.



29494F



573D42



33493C

Square

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



573D42



494431



2B4946



3B4457

Rectangle

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



573D42



544034



2B4946



2C4854

Sweetspot

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



573D42



706668



523D57



383233



B8B8B8



383838

Same Dimension

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



573D42



704850



57453D



2B2728



6B0015



EB002D

Inverse Universe

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



573D42



704850



3D4F57



2B2728



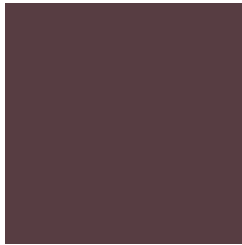
6B0015



EB002D

Previews

White Background



This preview shows how the Hex color 573D42 looks on a white background.

Color Contrast Check

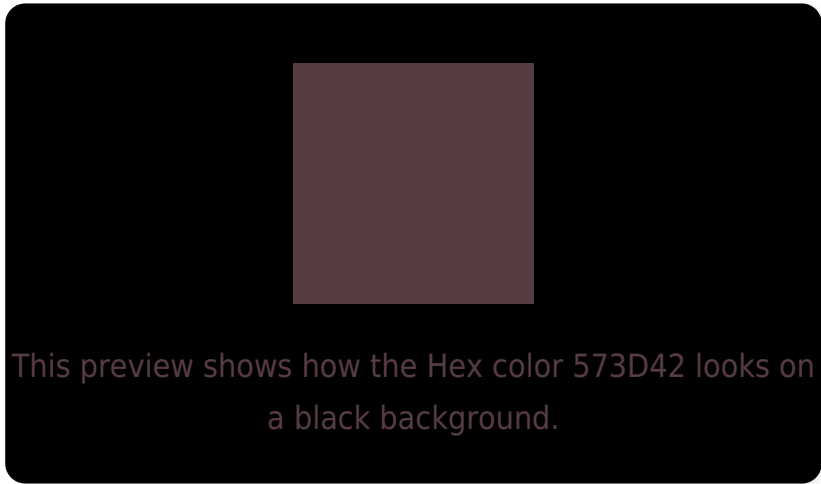
Large Text (above 18pt) WCAG AA ✓ Pass

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

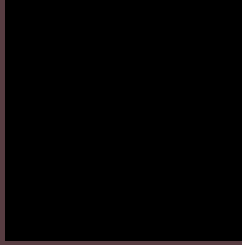
Any Text WCAG AA × Fail

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 573D42 Background



This preview shows how black text looks on a background with the Hex color 573D42.

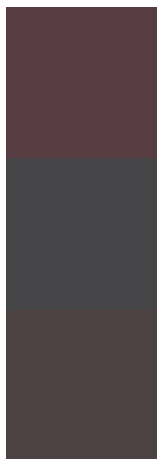


This preview shows how white text looks on a background with the Hex color 573D42.

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
573D42

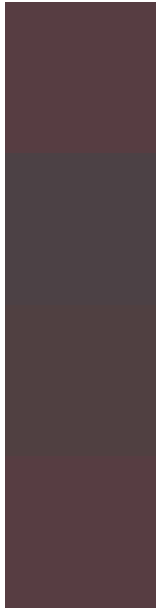
Protanopia
454446

Deuteranopia
4C4241



Tritanopia
573D42

Trichromacy



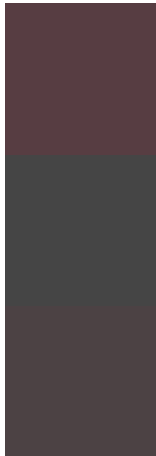
Original Color
573D42

Protanomaly
4C4145

Deuteranomaly
504041

Tritanomaly
573D42

Monochromacy



Original Color
573D42

Achromatopsia
454545

Achromatomaly
4C4244

CSS Examples

Text

The CSS property to change the color of the text to Hex 573D42 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 #573D42 looks like.

```
.text, #text, p{  
    color:#573D42  
}
```

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 #573D42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #573D42
}
```

Border

The CSS property to change the border of an element to Hex 573D42 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".

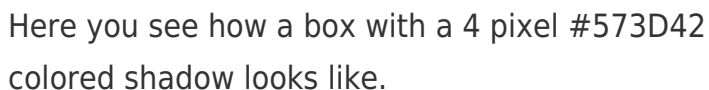
```
.border, #border, table{ border:4px solid
#573D42 }
```

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

```
.border{ border-color:#573D42 }
```

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

Here you see how a box with a 4 pixel #573D42 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 horizontal bar. The shadow is a dark blue rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #573D42; -webkit-box-shadow:4px 4px  
4px 4px #573D42; box-shadow:4px 4px 4px  
4px #573D42 }
```

Background

The CSS property to change the background color of an element to Hex 573D42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#573D42 }
```

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

```
.background{ background-color:#573D42 }
```

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