

Converting Colors

Hex(573A40)

Have a look what the booklet for
Hex(573A40) contains.

Hex(573A40)	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(573A40)

Conversions

Conversions Part 1

Format	Color
Hex	573A40
RGB	87, 58, 64
RGB Percent	34%, 23%, 25%
CMY	0.6588, 0.7725, 0.7490
CMYK	0.00, 0.33, 0.26, 0.66
HSL	348°, 20%, 28%
HSV	348°, 33%, 34%
XYZ	6.3689, 5.4225, 5.5615
YIQ	67.3550, 15.3580, 8.0140

Conversions

Conversions Part 2

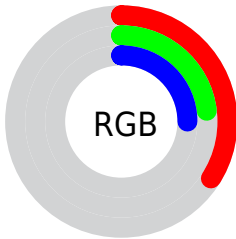
Format	Color
R_{YB}	87, 58, 64
Decimal	5716544
CIE _{Lab}	27.91, 13.84, 1.49
CIE _{LCh}	28, 13.916, 6.163
Yxy	5.4225, 0.3670, 0.3125
Android (android.graphics.Color)	4283906624 (0xFF573A40)
YUV	67.3550, -1.6540, 17.2287
Hunter-Lab	23.2863, 8.0699, 2.1402

Details

The Hex color **573A40** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3A5751**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **8A6970**, and **281016** is the 20% darker color. If you saturate the color by 10%, you get **573139**, and if you desaturate by 10%, it is **574347**.

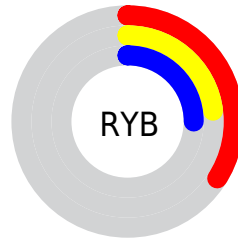
Distribution



Red (34%)

Green (23%)

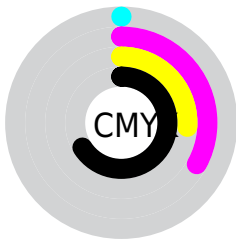
Blue (25%)



Red (34%)

Yellow (23%)

Blue (25%)

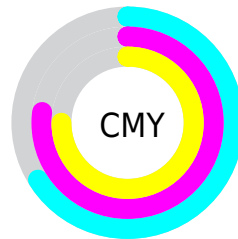


Cyan (0%)

Magenta (33%)

Yellow (26%)

Black (66%)



Cyan (66%)

Magenta (77%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 573A40 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 573A40 by changing the saturation by 10% instead.

■ 573A40

■ 573A40

FFFFFF

■ 3F242A

■ 8A6970

■ 281016

■ A48389

■ 0C0000

■ BF9DA3

■ 000000

■ DBB8BE

■ F8D3DA

■ FFF0F7

■ 573A40

■ 573A40

■ 573139

■ 574347

■ 572932

■ 574B4E

■ 57202B

■ 575455

■ 571724

■ 575D5C

■ 570E1D

■ 576663

■ 570617

■ 576E69

■ 570012

■ 577770

■ 578077

■ 57887E

Harmonies

Analogous

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



513B4B



573A40



573B36

Triad

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



573A40



3C4530



294555

Complementary

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



573A40



3A5751

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.



21474E



573A40



2F4739

Square

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



573A40



47422D



254844



384257

Rectangle

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



573A40



533D31



254844



254653

Sweetspot

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



573A40



706567



513A57



383133



B8B8B8



383838

Same Dimension

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



573A40



70434D



57423A



2B2728



6B0016



EB0031

Inverse Universe

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



573A40



70434D



3A4F57



2B2728



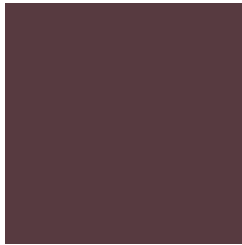
6B0016



EB0031

Previews

White Background



This preview shows how the Hex color 573A40 looks on a white background.

Color Contrast Check

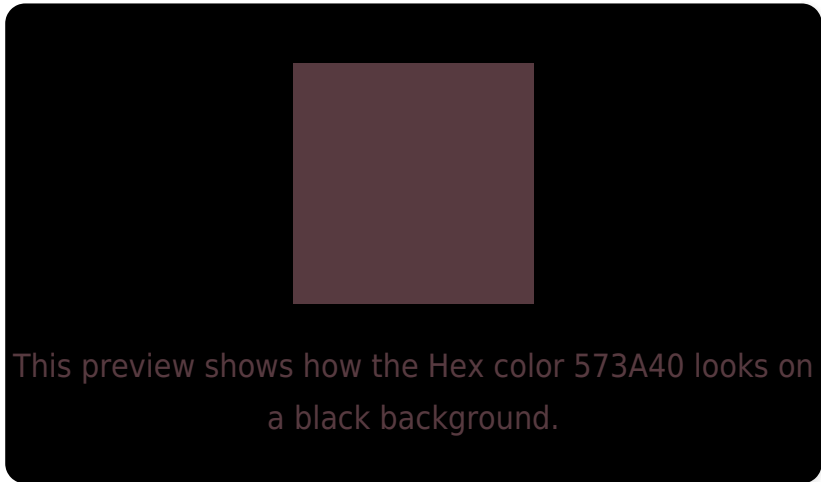
Large Text (above 18pt) WCAG AA ✓ Pass

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

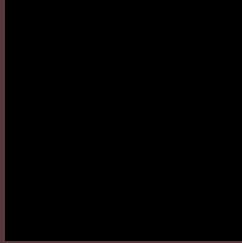
Any Text WCAG AA × Fail

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 573A40 Background



This preview shows how black text looks on a background with the Hex color 573A40.

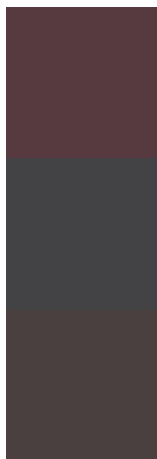


This preview shows how white text looks on a background with the Hex color 573A40.

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
573A40

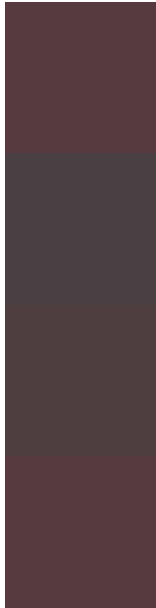
Protanopia
434244

Deuteranopia
4A403F



Tritanopia
573A3F

Trichromacy



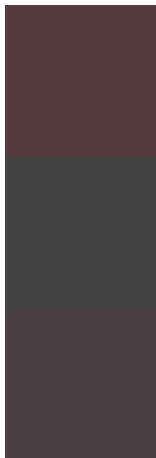
Original Color
573A40

Protanomaly
4A3F43

Deuteranomaly
4F3E3F

Tritanomaly
573A3F

Monochromacy



Original Color
573A40

Achromatopsia
434343

Achromatomaly
4A4042

CSS Examples

Text

The CSS property to change the color of the text to Hex 573A40 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 #573A40 looks like.

```
.text, #text, p{  
    color:#573A40  
}
```

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 #573A40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #573A40
}
```

Border

The CSS property to change the border of an element to Hex 573A40 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".

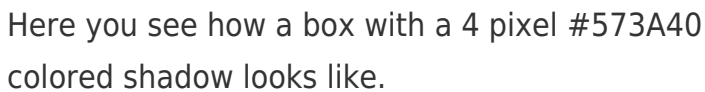
```
.border, #border, table{ border:4px solid
#573A40 }
```

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

```
.border{ border-color:#573A40 }
```

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

Here you see how a box with a 4 pixel #573A40 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 and a thicker dark blue shadow on the right and bottom sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #573A40; -webkit-box-shadow:4px 4px  
4px 4px #573A40; box-shadow:4px 4px 4px  
4px #573A40 }
```

Background

The CSS property to change the background color of an element to Hex 573A40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#573A40 }
```

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

```
.background{ background-color:#573A40 }
```

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