

Converting Colors

Hex(673B3F)

Have a look what the booklet for
Hex(673B3F) contains.

Hex(673B3F)	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(673B3F)

Conversions

Conversions Part 1

Format	Color
Hex	673B3F
RGB	103, 59, 63
RGB Percent	40%, 23%, 25%
CMY	0.5961, 0.7686, 0.7529
CMYK	0.00, 0.43, 0.39, 0.60
HSL	355°, 27%, 32%
HSV	355°, 43%, 40%
XYZ	8.0547, 6.3704, 5.5077
YIQ	72.6120, 24.9400, 10.5720

Conversions

Conversions Part 2

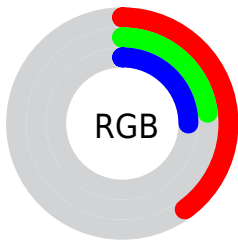
Format	Color
RYB	103, 59, 63
Decimal	6765375
CIELab	30.33, 19.93, 5.91
CIElCh	30, 20.788, 16.518
Yxy	6.3704, 0.4041, 0.3196
Android (android.graphics.Color)	4284955455 (0xFF673B3F)
YUV	72.6120, -4.7387, 26.6503
Hunter-Lab	25.2396, 12.7952, 4.7297

Details

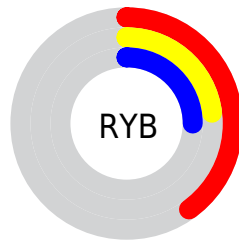
The Hex color **673B3F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3B6763**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **9C6B6F**, and **360F15** is the 20% darker color. If you saturate the color by 10%, you get **673136**, and if you desaturate by 10%, it is **674548**.

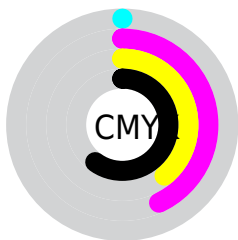
Distribution



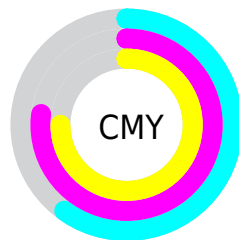
- Red (40%)
- Green (23%)
- Blue (25%)



- Red (40%)
- Yellow (23%)
- Blue (25%)



- Cyan (0%)
- Magenta (43%)
- Yellow (39%)
- Black (60%)



- Cyan (60%)
- Magenta (77%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 673B3F 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 673B3F by changing the saturation by 10% instead.



673B3F



673B3F

FFFFFF



4E2529



9C6B6F



360F15



B78488



220001



D39FA2



000000



F0BABD



FFD6D9



FFF2F5



673B3F



673B3F



673136



674548

■ 67262C

■ 675052

■ 671C23

■ 675A5B

■ 67121A

■ 676464

■ 670810

■ 676F6E

■ 670009

■ 677977

■ 678381

■ 678D8A

■ 679893

Harmonies

Analogous

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



623C4F



673B3F



633E31

Triad

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



673B3F



374D31



224B67

Complementary

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



673B3F



3B6763

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.



034F5E



673B3F



22503F

Square

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



673B3F



494928



085050



3E4666

Rectangle

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



673B3F



5D422A



085050



184D65

Sweetspot

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



673B3F



877677



633B67



453A3B



C4C4C4



454545

Same Dimension

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



673B3F



874248



674D3B



332E2E



73000A



F20016

Inverse Universe

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



673B3F



874248



3B5567



332E2E



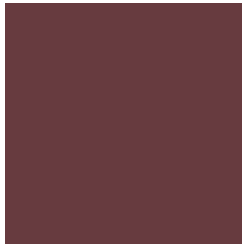
73000A



F20016

Previews

White Background



This preview shows how the Hex color 673B3F looks on a white background.

Color Contrast Check

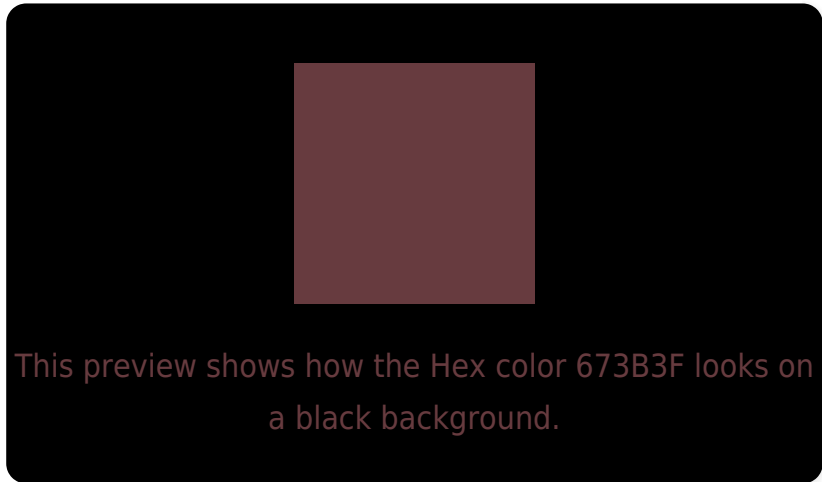
Large Text (above 18pt) WCAG AA ✓ Pass

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

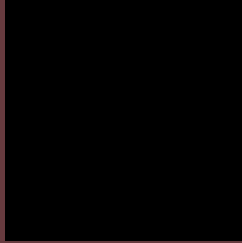
Any Text WCAG AA × Fail

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 673B3F Background



This preview shows how black text looks on a background with the Hex color 673B3F.



This preview shows how white text looks on a background with the Hex color 673B3F.

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
673B3F

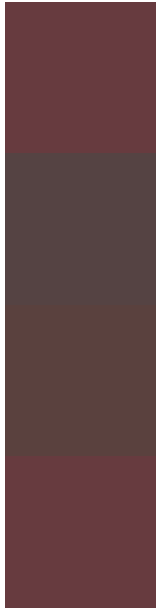
Protanopia
4A4846

Deuteranopia
53453D



Tritanopia
673B3F

Trichromacy



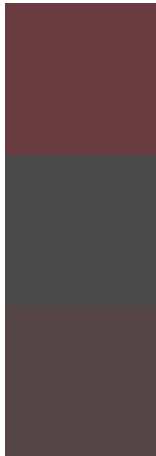
Original Color
673B3F

Protanomaly
554343

Deuteranomaly
5A413E

Tritanomaly
673B3F

Monochromacy



Original Color
673B3F

Achromatopsia
494949

Achromatomaly
544445

CSS Examples

Text

The CSS property to change the color of the text to Hex 673B3F 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 #673B3F looks like.

```
.text, #text, p{  
    color:#673B3F  
}
```

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 #673B3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #673B3F
}
```

Border

The CSS property to change the border of an element to Hex 673B3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

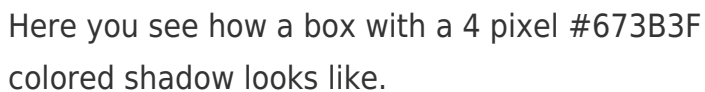
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#673B3F }
```

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

```
.border{ border-color:#673B3F }
```

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



Here you see how a box with a 4 pixel #673B3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #673B3F; -webkit-box-shadow:4px 4px  
4px 4px #673B3F; box-shadow:4px 4px 4px  
4px #673B3F }
```

Background

The CSS property to change the background color of an element to Hex 673B3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#673B3F }
```

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

```
.background{ background-color:#673B3F }
```

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