

Converting Colors

Hex(673D5F)

Have a look what the booklet for
Hex(673D5F) contains.

Hex(673D5F)	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(673D5F)

Conversions

Conversions Part 1

Format	Color
Hex	673D5F
RGB	103, 61, 95
RGB Percent	40%, 24%, 37%
CMY	0.5961, 0.7608, 0.6275
CMYK	0.00, 0.41, 0.08, 0.60
HSL	311°, 26%, 32%
HSV	311°, 41%, 40%
XYZ	9.3278, 7.0473, 11.6951
YIQ	77.4340, 14.1180, 19.4780

Conversions

Conversions Part 2

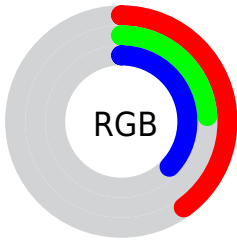
Format	Color
R_{YB}	103, 61, 95
Decimal	6765919
CIE Lab	31.91, 24.10, -12.46
CIE LCh	32, 27.133, 332.665
Yxy	7.0473, 0.3323, 0.2511
Android (android.graphics.Color)	4284955999 (0xFF673D5F)
YUV	77.4340, 8.6600, 22.4214
Hunter-Lab	26.5467, 16.2635, -7.5374

Details

The Hex color **673D5F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3D6745**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **9B6D92**, and **371031** is the 20% darker color. If you saturate the color by 10%, you get **67335D**, and if you desaturate by 10%, it is **674761**.

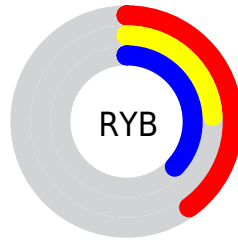
Distribution



Red (40%)

Green (24%)

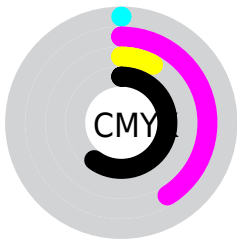
Blue (37%)



Red (40%)

Yellow (24%)

Blue (37%)

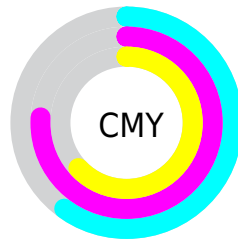


Cyan (0%)

Magenta (41%)

Yellow (8%)

Black (60%)



Cyan (60%)

Magenta (76%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 673D5F 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 673D5F by changing the saturation by 10% instead.

673D5F

673D5F

FFFFFF

4E2647

9B6D92

371031

B687AC

23001C

D2A2C7

000000

EFBDE3

FFD9FF

FFF5FF

673D5F

673D5F

67335D

674761

67285B

675263

671E59

675C65

671457

676667

670A55

677169

670053

677B6B

67856D

678F6F

679A71

Harmonies

Analogous

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



4F456F



673D5F



72394A

Triad

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



673D5F



564B1F



005561

Complementary

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



673D5F



3D6745

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.



00564C



673D5F



405126

Square

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



673D5F



674325



245437



005270

Rectangle

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



673D5F



733A3C



245437



00565B

Sweetspot

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



673D5F



877784



453D67



453B43



C4C4C4



454545

Same Dimension

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



673D5F



87457B



673D4A



332E32



73005D



F200C4

Inverse Universe

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



673D5F



87457B



3D675A



332E32



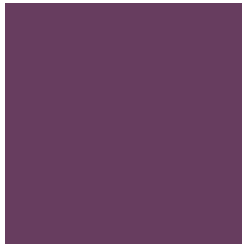
73005D



F200C4

Previews

White Background



This preview shows how the Hex color 673D5F looks on a white background.

Color Contrast Check

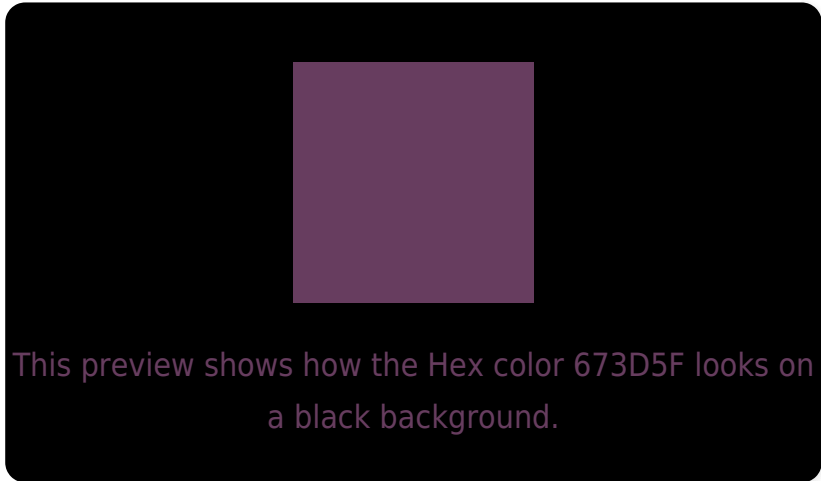
Large Text (above 18pt) WCAG AA ✓ Pass

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

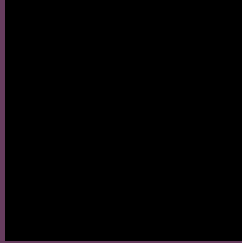
Any Text WCAG AA × Fail

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 673D5F Background



This preview shows how black text looks on a background with the Hex color 673D5F.



This preview shows how white text looks on a background with the Hex color 673D5F.

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
673D5F

Protanopia
424A69

Deuteranopia
4A4A5D



Tritanopia
644247

Trichromacy



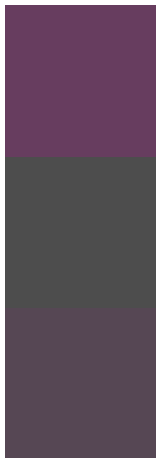
Original Color
673D5F

Protanomaly
4F4565

Deuteranomaly
55455E

Tritanomaly
654050

Monochromacy



Original Color
673D5F

Achromatopsia
4D4D4D

Achromatomaly
564754

CSS Examples

Text

The CSS property to change the color of the text to Hex 673D5F 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 #673D5F looks like.

```
.text, #text, p{  
  color:#673D5F  
}
```

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 #673D5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #673D5F
}
```

Border

The CSS property to change the border of an element to Hex 673D5F is called "border". The border property can be set on classes, ids or directly on the HTML element.

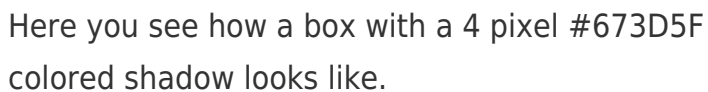
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#673D5F }
```

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

```
.border{ border-color:#673D5F }
```

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



Here you see how a box with a 4 pixel #673D5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #673D5F; -webkit-box-shadow:4px 4px  
4px 4px #673D5F; box-shadow:4px 4px 4px  
4px #673D5F }
```

Background

The CSS property to change the background color of an element to Hex 673D5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#673D5F }
```

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

```
.background{ background-color:#673D5F }
```

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