

# Converting Colors

Hex(673D4F)

Have a look what the booklet for  
Hex(673D4F) contains.

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# Color

**Hex(673D4F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	673D4F
RGB	103, 61, 79
RGB Percent	40%, 24%, 31%
CMY	0.5961, 0.7608, 0.6902
CMYK	0.00, 0.41, 0.23, 0.60
HSL	334°, 26%, 32%
HSV	334°, 41%, 40%
XYZ	8.6735, 6.7856, 8.2497
YIQ	75.6100, 19.2540, 14.5020

# Conversions

## Conversions Part 2

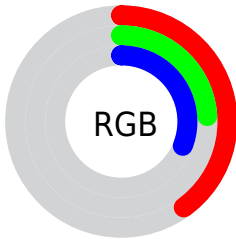
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 61, 79
Decimal	6765903
CIE <sub>Lab</sub>	31.31, 21.17, -3.05
CIE <sub>LCh</sub>	31, 21.388, 351.789
Yxy	6.7856, 0.3658, 0.2862
Android (android.graphics.Color)	4284955983 (0xFF673D4F)
YUV	75.6100, 1.6713, 24.0210
Hunter-Lab	26.0491, 13.8490, -0.5427

# Details

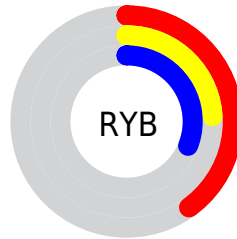
The Hex color **673D4F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3D6755**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **9B6D80**, and **361123** is the 20% darker color. If you saturate the color by 10%, you get **673349**, and if you desaturate by 10%, it is **674755**.

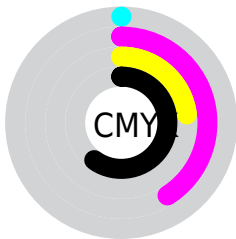
# Distribution



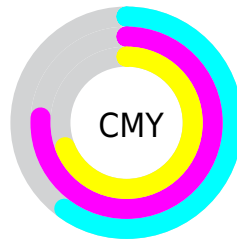
- Red (40%)
- Green (24%)
- Blue (31%)



- Red (40%)
- Yellow (24%)
- Blue (31%)



- Cyan (0%)
- Magenta (41%)
- Yellow (23%)
- Black (60%)



- Cyan (60%)
- Magenta (76%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 673D4F 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 673D4F by changing the saturation by 10% instead.



673D4F

673D4F

FFFFFF

4E2638

9B6D80

361123

B6879A

23000D

D2A1B5

000000

EFBCD0

FFD8ED

FFF5FF

673D4F

673D4F

673349

674755

672843

67525B

671E3D

675C61

671437

676667

670A32

67716C

67002C

677B72

678578

678F7E

679A84

# Harmonies

## Analogous

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



5A415F



673D4F



6A3D3E

# Triad

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



673D4F



484C2A



075163

# Complementary

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



673D4F



3D6755

# 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.



025256



673D4F



355034

# Square

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



673D4F



594728



1E5244



294D6B

# Rectangle

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



673D4F



674034



1E5244



00515F



# Sweetspot

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



673D4F



87777E



553D67



453B3F



C4C4C4



454545



# Same Dimension

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



673D4F



874561



67403D



332E30



730031



F20068



# Inverse Universe

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



673D4F



874561



3D6467



332E30



730031

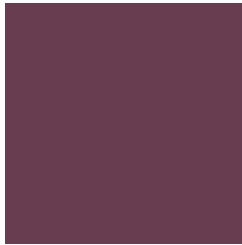


F20068



# Previews

## White Background



This preview shows how the Hex color 673D4F looks on a white background.

## Color Contrast Check

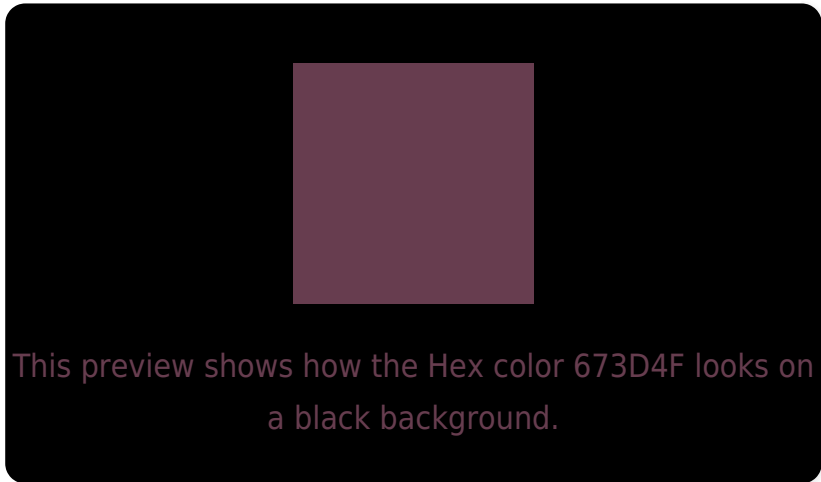
Large Text (above 18pt) WCAG AA ✓ Pass

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

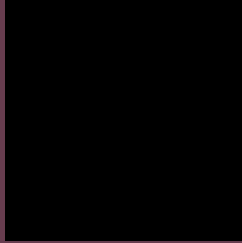
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 673D4F Background



This preview shows how black text looks on a background with the Hex color 673D4F.



This preview shows how white text looks on a background with the Hex color 673D4F.

# 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**  
673D4F

**Protanopia**  
484A57

**Deuteranopia**  
50484D



**Tritanopia**  
663F44

# Trichromacy



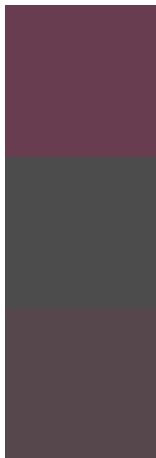
**Original Color**  
673D4F

**Protanomaly**  
534554

**Deuteranomaly**  
58444E

**Tritanomaly**  
663E48

# Monochromacy



**Original Color**  
673D4F

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
56474D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 673D4F 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 #673D4F looks like.

```
.text, #text, p{  
    color:#673D4F  
}
```

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 #673D4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #673D4F
}
```

## Border

The CSS property to change the border of an element to Hex 673D4F is called "border". The border property can be set on classes, ids or directly on the HTML element.

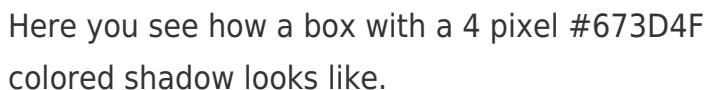
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#673D4F }
```

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

```
.border{ border-color:#673D4F }
```

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



Here you see how a box with a 4 pixel #673D4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #673D4F; -webkit-box-shadow:4px 4px  
4px 4px #673D4F; box-shadow:4px 4px 4px  
4px #673D4F }
```

# Background

The CSS property to change the background color of an element to Hex 673D4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#673D4F }
```

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

```
.background{ background-color:#673D4F }
```

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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