

# Converting Colors

Hex(673F61)

Have a look what the booklet for  
Hex(673F61) contains.

<b>Hex(673F61)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(673F61)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	673F61
RGB	103, 63, 97
RGB Percent	40%, 25%, 38%
CMY	0.5961, 0.7529, 0.6196
CMYK	0.00, 0.39, 0.06, 0.60
HSL	309°, 24%, 33%
HSV	309°, 39%, 40%
XYZ	9.5287, 7.3016, 12.2164
YIQ	78.8360, 12.9260, 19.0540

# Conversions

## Conversions Part 2

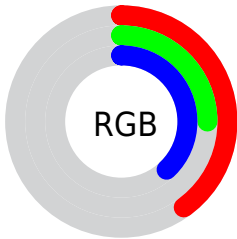
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 63, 97
Decimal	6766433
CIE <sub>Lab</sub>	32.48, 23.29, -12.87
CIE <sub>LCh</sub>	32, 26.611, 331.078
Yxy	7.3016, 0.3280, 0.2514
Android (android.graphics.Color)	4284956513 (0xFF673F61)
YUV	78.8360, 8.9549, 21.1918
Hunter-Lab	27.0216, 15.6573, -7.8898

# Details

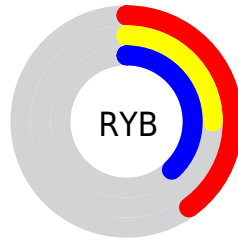
The Hex color **673F61** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3F6745**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **9B7094**, and **371233** is the 20% darker color. If you saturate the color by 10%, you get **67355F**, and if you desaturate by 10%, it is **674963**.

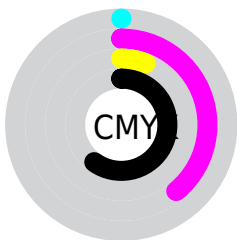
# Distribution



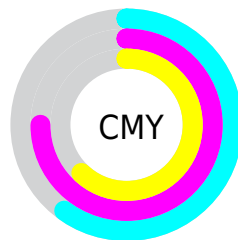
- Red (40%)
- Green (25%)
- Blue (38%)



- Red (40%)
- Yellow (25%)
- Blue (38%)



- Cyan (0%)
- Magenta (39%)
- Yellow (6%)
- Black (60%)



- Cyan (60%)
- Magenta (75%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 673F61 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 673F61 by changing the saturation by 10% instead.



673F61

673F61

FFFFFF

4E2849

9B7094

371233

B689AE

23001E

D2A4CA

000000

EEBFE6

FFDBFF

FFF8FF

673F61

673F61

67355F

674963

672A5E

675464

67205C

675E66

67165B

676867

670C59

677369

670158

677D6A

670058

67876C

67916D

679C6F

# Harmonies

## Analogous

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



4F4770



673F61



733B4C

# Triad

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



673F61



584B21



005761

# Complementary

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



673F61



3F6745

# 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.



00574C



673F61



435227

# Square

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



673F61



694428



285537



005471

# Rectangle

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



673F61



743C3E



285537



00575B



# Sweetspot

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



673F61



877785



453F67



453B43



C4C4C4



454545



# Same Dimension

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



673F61



87487E



673F4D



332E32



730062



F200CE



# Inverse Universe

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



673F61



87487E



3F6759



332E32



730062

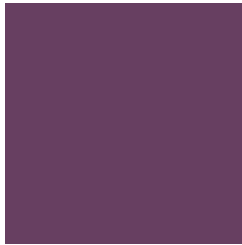


F200CE



# Previews

## White Background



This preview shows how the Hex color 673F61 looks on a white background.

## Color Contrast Check

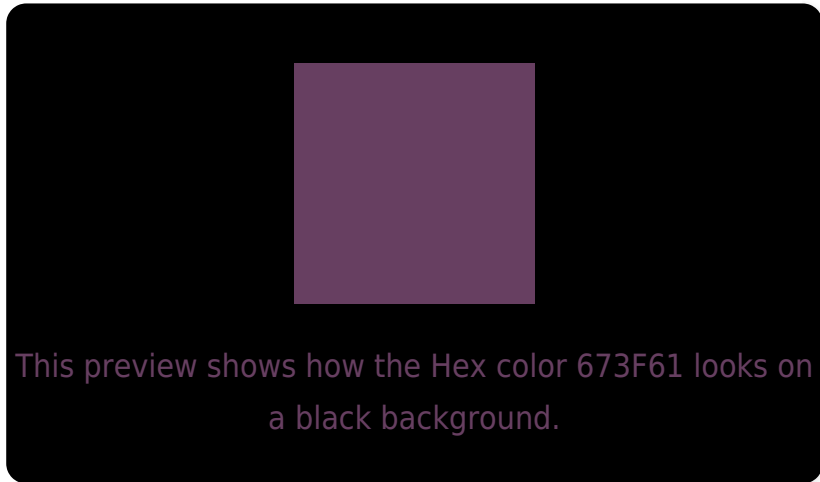
Large Text (above 18pt) WCAG AA ✓ Pass

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

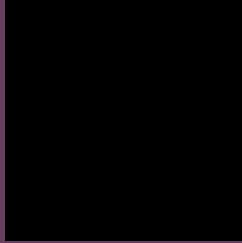
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 673F61 Background



This preview shows how black text looks on a background with the Hex color 673F61.



This preview shows how white text looks on a background with the Hex color 673F61.

# 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**  
673F61

**Protanopia**  
444C6A

**Deuteranopia**  
4B4B5F



**Tritanopia**  
644449

# Trichromacy



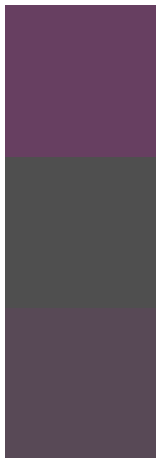
**Original Color**  
673F61

**Protanomaly**  
514767

**Deuteranomaly**  
554760

**Tritanomaly**  
654252

# Monochromacy



**Original Color**  
673F61

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
584956

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 673F61 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 #673F61 looks like.

```
.text, #text, p{  
    color:#673F61  
}
```

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 #673F61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #673F61
}
```

## Border

The CSS property to change the border of an element to Hex 673F61 is called "border". The border property can be set on classes, ids or directly on the HTML element.

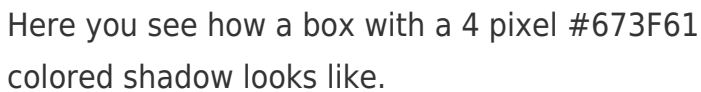
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#673F61 }
```

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

```
.border{ border-color:#673F61 }
```

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



Here you see how a box with a 4 pixel #673F61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #673F61; -webkit-box-shadow:4px 4px  
4px 4px #673F61; box-shadow:4px 4px 4px  
4px #673F61 }
```

# Background

The CSS property to change the background color of an element to Hex 673F61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#673F61 }
```

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

```
.background{ background-color:#673F61 }
```

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