

Converting Colors

Hex(673E7C)

Have a look what the booklet for
Hex(673E7C) contains.

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Color

Hex(673E7C)

Conversions

Conversions Part 1

Format	Color
Hex	673E7C
RGB	103, 62, 124
RGB Percent	40%, 24%, 49%
CMY	0.5961, 0.7569, 0.5137
CMYK	0.17, 0.50, 0.00, 0.51
HSL	280°, 33%, 36%
HSV	280°, 50%, 49%
XYZ	10.9542, 7.7840, 19.9939
YIQ	81.3270, 4.5340, 27.9740

Conversions

Conversions Part 2

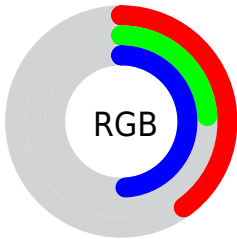
Format	Color
R_{YB}	103, 62, 124
Decimal	6766204
CIE _{Lab}	33.53, 29.84, -28.28
CIE _{LCh}	34, 41.111, 316.531
Yxy	7.7840, 0.2828, 0.2010
Android (android.graphics.Color)	4284956284 (0xFF673E7C)
YUV	81.3270, 21.0378, 19.0072
Hunter-Lab	27.8999, 21.2589, -22.9590

Details

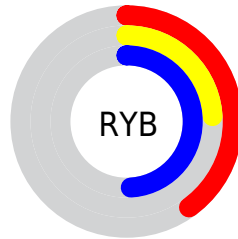
The Hex color **673E7C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **537C3E**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **9B6FB1**, and **36104B** is the 20% darker color. If you saturate the color by 10%, you get **63327C**, and if you desaturate by 10%, it is **6B4A7C**.

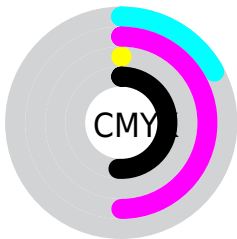
Distribution



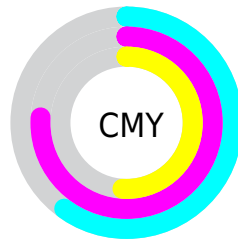
- Red (40%)
- Green (24%)
- Blue (49%)



- Red (40%)
- Yellow (24%)
- Blue (49%)



- Cyan (17%)
- Magenta (50%)
- Yellow (0%)
- Black (51%)



- Cyan (60%)
- Magenta (76%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 673E7C 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 673E7C by changing the saturation by 10% instead.

 673E7C

 673E7C

FFFFFF

 4E2763

 9B6FB1

 36104B

 B789CC

 200034

 D3A3E9

 00001E

 F0BFFF

 000000

 FFDBFF

 FFF7FF

 673E7C

 673E7C

 63327C

 6B4A7C

5F257C

6F577C

5A197C

74637C

560C7C

78707C

52007C

7C7C7C

80887C

84957C

89A17C

8DAE7C

Harmonies

Analogous

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



304C8E



673E7C



82315F

Triad

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



673E7C



6B4808



005E60

Complementary

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



673E7C



537C3E

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.



005D3F



673E7C



4E5305

Square

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



673E7C



803A20



275A1F



005C7E

Rectangle

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



673E7C



892E49



275A1F



005E55

Sweetspot

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



673E7C



9889A1



3E547C



4D4352



D1D1D1



525252

Same Dimension

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



673E7C



8040A1



7C3E73



3B373D



53007D



A700FC

Inverse Universe

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



7C3E53



A14061



3E7C47



3D3739



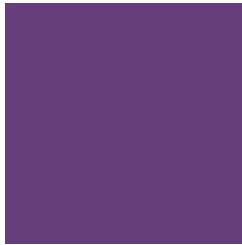
7D002A



FC0056

Previews

White Background



This preview shows how the Hex color 673E7C looks on a white background.

Color Contrast Check

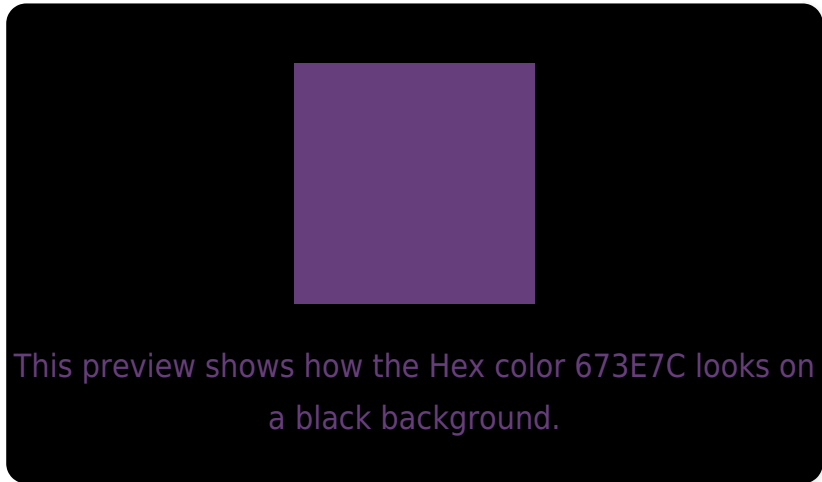
Large Text (above 18pt) WCAG AA ✓ Pass

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

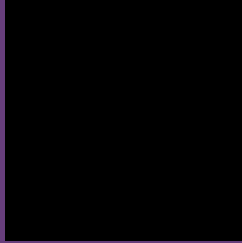
Any Text WCAG AA × Fail

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 673E7C Background



This preview shows how black text looks on a background with the Hex color 673E7C.

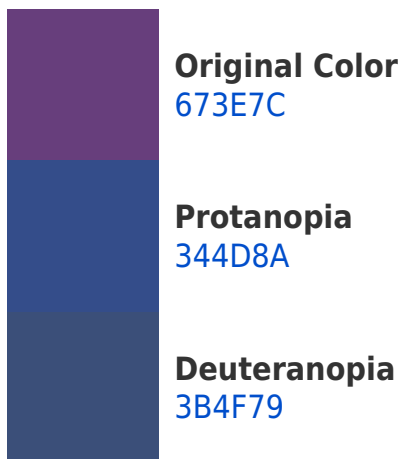



This preview shows how white text looks on a background with the Hex color 673E7C.

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





Tritanopia
60494F

Trichromacy



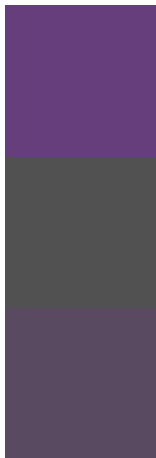
Original Color
673E7C

Protanomaly
474885

Deuteranomaly
4B497A

Tritanomaly
63455F

Monochromacy



Original Color
673E7C

Achromatopsia
515151

Achromatomaly
594A61

CSS Examples

Text

The CSS property to change the color of the text to Hex 673E7C 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 #673E7C looks like.

```
.text, #text, p{  
    color:#673E7C  
}
```

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 #673E7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #673E7C
}
```

Border

The CSS property to change the border of an element to Hex 673E7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

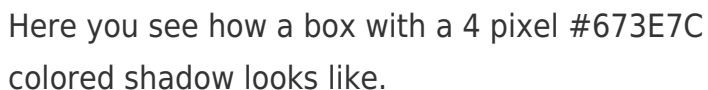
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#673E7C }
```

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

```
.border{ border-color:#673E7C }
```

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



Here you see how a box with a 4 pixel #673E7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #673E7C; -webkit-box-shadow:4px 4px  
4px 4px #673E7C; box-shadow:4px 4px 4px  
4px #673E7C }
```

Background

The CSS property to change the background color of an element to Hex 673E7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#673E7C }
```

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

```
.background{ background-color:#673E7C }
```

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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