

Converting Colors

Hex(674870)

Have a look what the booklet for
Hex(674870) contains.

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Color

Hex(674870)

Conversions

Conversions Part 1

Format	Color
Hex	674870
RGB	103, 72, 112
RGB Percent	40%, 28%, 44%
CMY	0.5961, 0.7176, 0.5608
CMYK	0.08, 0.36, 0.00, 0.56
HSL	286°, 22%, 36%
HSV	286°, 36%, 44%
XYZ	10.8355, 8.6881, 16.4351
YIQ	85.8290, 5.6360, 19.0120

Conversions

Conversions Part 2

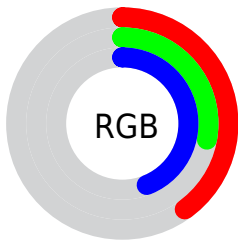
Format	Color
R_{YB}	103, 72, 112
Decimal	6768752
CIE _{Lab}	35.38, 20.99, -17.91
CIE _{LCh}	35, 27.591, 319.531
Yxy	8.6881, 0.3013, 0.2416
Android (android.graphics.Color)	4284958832 (0xFF674870)
YUV	85.8290, 12.9023, 15.0590
Hunter-Lab	29.4757, 14.0358, -12.4261

Details

The Hex color **674870** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **517048**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **9B79A4**, and **371B40** is the 20% darker color. If you saturate the color by 10%, you get **643D70**, and if you desaturate by 10%, it is **6A5370**.

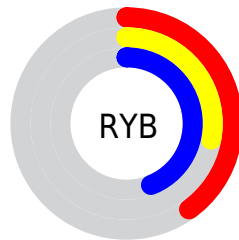
Distribution



Red (40%)

Green (28%)

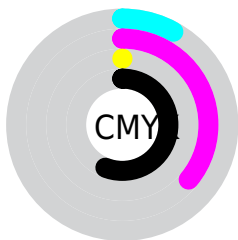
Blue (44%)



Red (40%)

Yellow (28%)

Blue (44%)

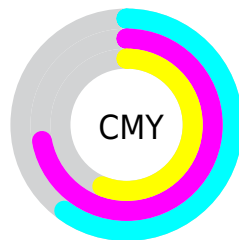


Cyan (8%)

Magenta (36%)

Yellow (0%)

Black (56%)



Cyan (60%)

Magenta (72%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 674870 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 674870 by changing the saturation by 10% instead.

674870

674870

FFFFFF

4E3157

9B79A4

371B40

B693BF

21052A

D2AEDB

000015

EEC9F7

000000

FFE5FF

674870

674870

643D70

6A5370

623270

6C5E70

5F2670

6F6A70

5D1B70

717570

5A1070

748070

580570

768B70

570070

799670

7BA270

7EAD70

Harmonies

Analogous

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



49507D



674870



78425C

Triad

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



674870



674F27



005F61

Complementary

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



674870



517048

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.



155E4A



674870



525628

Square

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



674870



774733



395B36



005D74

Rectangle

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



674870



7D414D



395B36



005F5A

Sweetspot

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



674870



8E8191



485170



48404A



C9C9C9



4A4A4A

Same Dimension

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



674870



835391



704865



373238



5D0078



C000F7

Inverse Universe

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



704851



915361



487053



383234



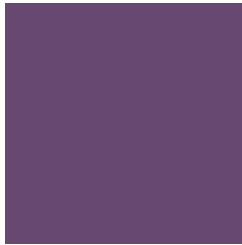
78001B



F70038

Previews

White Background



This preview shows how the Hex color 674870 looks on a white background.

Color Contrast Check

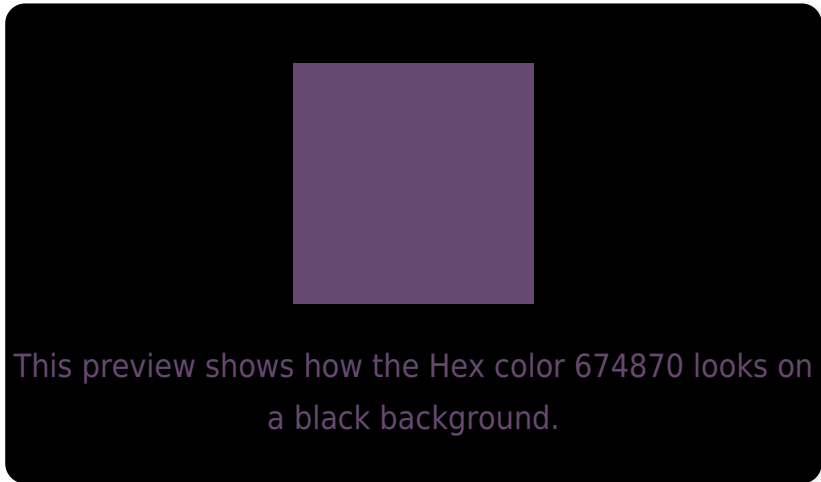
Large Text (above 18pt) WCAG AA ✓ Pass

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

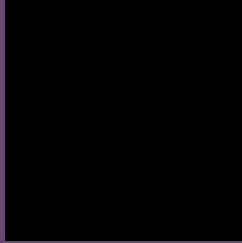
Any Text WCAG AA × Fail

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 674870 Background



This preview shows how black text looks on a background with the Hex color 674870.




This preview shows how white text looks on a background with the Hex color 674870.

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
634E54

Trichromacy



Original Color
674870

Protanomaly
534E75

Deuteranomaly
564E6F

Tritanomaly
644C5E

Monochromacy



Original Color
674870

Achromatopsia
565656

Achromatomaly
5C515F

CSS Examples

Text

The CSS property to change the color of the text to Hex 674870 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 #674870 looks like.

```
.text, #text, p{  
    color:#674870  
}
```

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 #674870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #674870
}
```

Border

The CSS property to change the border of an element to Hex 674870 is called "border". The border property can be set on classes, ids or directly on the HTML element.

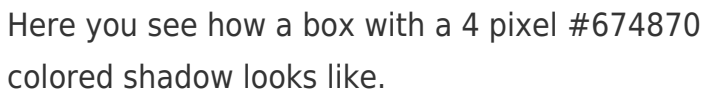
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#674870 }
```

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

```
.border{ border-color:#674870 }
```

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



Here you see how a box with a 4 pixel #674870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #674870; -webkit-box-shadow:4px 4px  
4px 4px #674870; box-shadow:4px 4px 4px  
4px #674870 }
```

Background

The CSS property to change the background color of an element to Hex 674870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#674870 }
```

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

```
.background{ background-color:#674870 }
```

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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