

Converting Colors

Hex(674781)

Have a look what the booklet for
Hex(674781) contains.

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Color

Hex(674781)

Conversions

Conversions Part 1

Format	Color
Hex	674781
RGB	103, 71, 129
RGB Percent	40%, 28%, 51%
CMY	0.5961, 0.7216, 0.4941
CMYK	0.20, 0.45, 0.00, 0.49
HSL	273°, 29%, 39%
HSV	273°, 45%, 51%
XYZ	11.8092, 8.9750, 21.8788
YIQ	87.1800, 0.4540, 24.8220

Conversions

Conversions Part 2

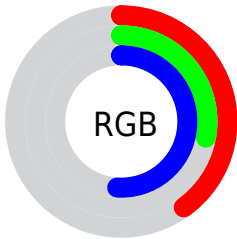
Format	Color
R_{YB}	103, 71, 129
Decimal	6768513
CIE _{Lab}	35.94, 25.63, -27.60
CIE _{LCh}	36, 37.666, 312.886
Yxy	8.9750, 0.2768, 0.2104
Android (android.graphics.Color)	4284958593 (0xFF674781)
YUV	87.1800, 20.6173, 13.8741
Hunter-Lab	29.9583, 17.9354, -22.3291

Details

The Hex color **674781** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **618147**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **9B78B6**, and **361A4F** is the 20% darker color. If you saturate the color by 10%, you get **613A81**, and if you desaturate by 10%, it is **6D5481**.

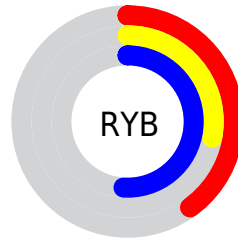
Distribution



Red (40%)

Green (28%)

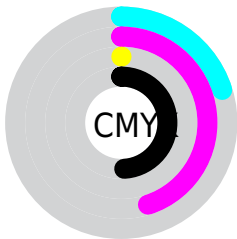
Blue (51%)



Red (40%)

Yellow (28%)

Blue (51%)

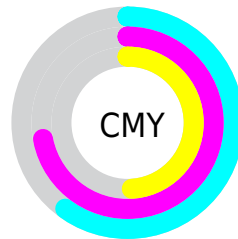


Cyan (20%)

Magenta (45%)

Yellow (0%)

Black (49%)



Cyan (60%)

Magenta (72%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 674781 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 674781 by changing the saturation by 10% instead.

674781

674781

FFFFFF

4E3068

9B78B6

361A4F

B792D2

1F0438

D2ADEE

000022

EFC8FF

000008

FFE4FF

000000

674781

674781

613A81

6D5481

5B2D81

736181

■ 562081

■ 786E81

■ 501381

■ 7E7B81

■ 4A0781

■ 848881

■ 470081

■ 8A9481

■ 8FA181

■ 95AE81

■ 9BBB81

Harmonies

Analogous

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



34538F



674781



833C67

Triad

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



674781



734D18



006361

Complementary

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



674781



618147

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.



006242



674781



585714

Square

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



674781



85412D



375E26



00627D

Rectangle

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



674781



8B3953



375E26



006357

Sweetspot

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



674781



9E92A8



476181



4E4754



D4D4D4



545454

Same Dimension

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



674781



804DA8



81477E



3D3940



460080



000000

Inverse Universe

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



814761



A84D76



47814A



40393C



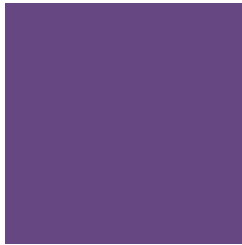
800039



000000

Previews

White Background



This preview shows how the Hex color 674781 looks on a white background.

Color Contrast Check

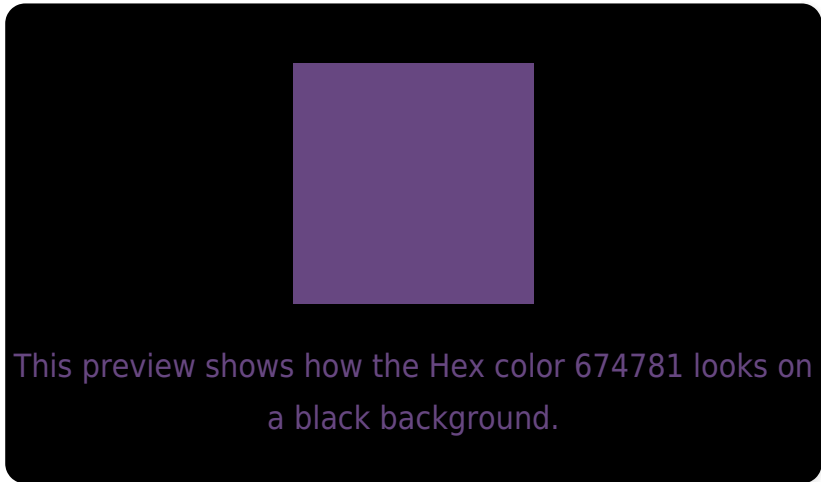
Large Text (above 18pt) WCAG AA ✓ Pass

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

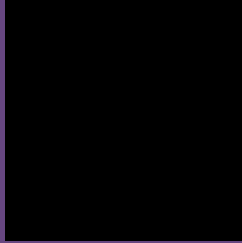
Any Text WCAG AA × Fail

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 674781 Background



This preview shows how black text looks on a background with the Hex color 674781.



This preview shows how white text looks on a background with the Hex color 674781.

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
605157

Trichromacy



Original Color
674781

Protanomaly
4D4F88

Deuteranomaly
4F4F7F

Tritanomaly
634D66

Monochromacy



Original Color
674781

Achromatopsia
575757

Achromatomaly
5D5166

CSS Examples

Text

The CSS property to change the color of the text to Hex 674781 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 #674781 looks like.

```
.text, #text, p{  
    color:#674781  
}
```

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 #674781 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #674781
}
```

Border

The CSS property to change the border of an element to Hex 674781 is called "border". The border property can be set on classes, ids or directly on the HTML element.

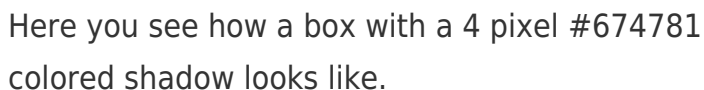
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#674781 }
```

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

```
.border{ border-color:#674781 }
```

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



Here you see how a box with a 4 pixel #674781 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #674781; -webkit-box-shadow:4px 4px  
4px 4px #674781; box-shadow:4px 4px 4px  
4px #674781 }
```

Background

The CSS property to change the background color of an element to Hex 674781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#674781 }
```

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

```
.background{ background-color:#674781 }
```

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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