

Converting Colors

Hex(674780)

Have a look what the booklet for
Hex(674780) contains.

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Color

Hex(674780)

Conversions

Conversions Part 1

Format	Color
Hex	674780
RGB	103, 71, 128
RGB Percent	40%, 28%, 50%
CMY	0.5961, 0.7216, 0.4980
CMYK	0.20, 0.45, 0.00, 0.50
HSL	274°, 29%, 39%
HSV	274°, 45%, 50%
XYZ	11.7430, 8.9486, 21.5304
YIQ	87.0660, 0.7750, 24.5110

Conversions

Conversions Part 2

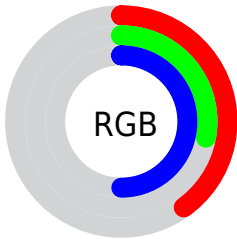
Format	Color
R_{YB}	103, 71, 128
Decimal	6768512
CIE _{Lab}	35.89, 25.39, -27.06
CIE _{LCh}	36, 37.105, 313.172
Yxy	8.9486, 0.2781, 0.2119
Android (android.graphics.Color)	4284958592 (0xFF674780)
YUV	87.0660, 20.1805, 13.9741
Hunter-Lab	29.9141, 17.7219, -21.7335

Details

The Hex color **674780** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **608047**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **9B78B5**, and **361A4E** is the 20% darker color. If you saturate the color by 10%, you get **613A80**, and if you desaturate by 10%, it is **6D5480**.

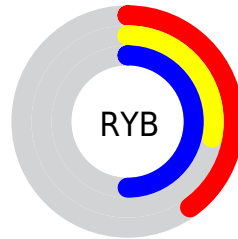
Distribution



Red (40%)

Green (28%)

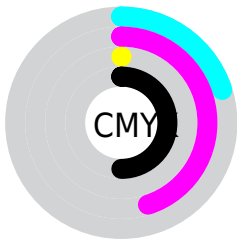
Blue (50%)



Red (40%)

Yellow (28%)

Blue (50%)

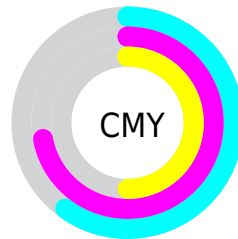


Cyan (20%)

Magenta (45%)

Yellow (0%)

Black (50%)



Cyan (60%)

Magenta (72%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 674780 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 674780 by changing the saturation by 10% instead.

674780

674780

FFFFFF

4E3067

9B78B5

361A4E

B692D1

1F0437

D2ADED

000021

EFC8FF

000007

FFE4FF

000000

674780

674780

613A80

6D5480

5C2D80

726180

562180

786D80

511480

7D7A80

4B0780

838780

480080

899480

8EA180

94AD80

9ABA80

Harmonies

Analogous

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



35538E



674780



823C66

Triad

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



674780



724D19



006361

Complementary

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



674780



608047

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



674780



585716

Square

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



674780



85412D



375E27



00617C

Rectangle

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



674780



8A3952



375E27



006357

Sweetspot

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



674780



9C90A6



476180



4E4754



D4D4D4



545454

Same Dimension

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



674780



7F4EA6



80477D



3D3940



480080



000000

Inverse Universe

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



804760



A64E74



47804A



40393C



800038



000000

Previews

White Background



This preview shows how the Hex color 674780 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

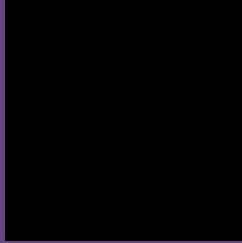
Any Text WCAG AA × Fail

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 674780 Background



This preview shows how black text looks on a background with the Hex color 674780.

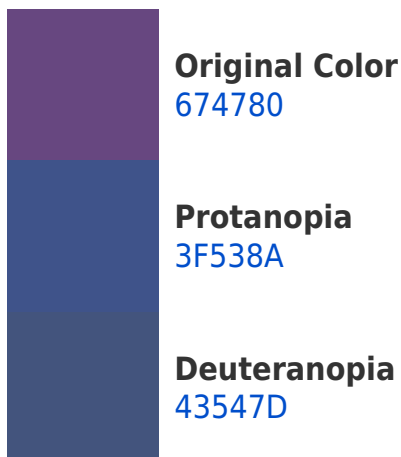


This preview shows how white text looks on a background with the Hex color 674780.

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
605057

Trichromacy



Original Color
674780

Protanomaly
4E4F86

Deuteranomaly
504F7E

Tritanomaly
634D66

Monochromacy



Original Color
674780

Achromatopsia
575757

Achromatomaly
5D5166

CSS Examples

Text

The CSS property to change the color of the text to Hex 674780 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 #674780 looks like.

```
.text, #text, p{  
    color:#674780  
}
```

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 #674780 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #674780
}
```

Border

The CSS property to change the border of an element to Hex 674780 is called "border". The border property can be set on classes, ids or directly on the HTML element.

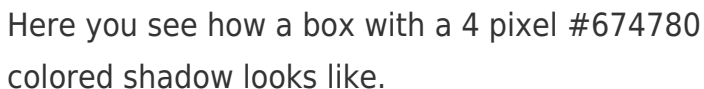
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#674780 }
```

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

```
.border{ border-color:#674780 }
```

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



Here you see how a box with a 4 pixel #674780 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #674780; -webkit-box-shadow:4px 4px  
4px 4px #674780; box-shadow:4px 4px 4px  
4px #674780 }
```

Background

The CSS property to change the background color of an element to Hex 674780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#674780 }
```

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

```
.background{ background-color:#674780 }
```

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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