

# Converting Colors

Hex(674774)

Have a look what the booklet for  
Hex(674774) contains.

<b>Hex(674774)</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(674774)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	674774
RGB	103, 71, 116
RGB Percent	40%, 28%, 45%
CMY	0.5961, 0.7216, 0.5451
CMYK	0.11, 0.39, 0.00, 0.55
HSL	283°, 24%, 37%
HSV	283°, 39%, 45%
XYZ	10.9991, 8.6510, 17.6131
YIQ	85.6980, 4.6270, 20.7790

# Conversions

## Conversions Part 2

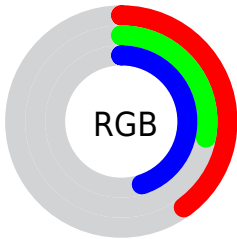
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 71, 116
Decimal	6768500
CIE <sub>Lab</sub>	35.30, 22.52, -20.52
CIE <sub>LCh</sub>	35, 30.467, 317.662
Yxy	8.6510, 0.2952, 0.2322
Android (android.graphics.Color)	4284958580 (0xFF674774)
YUV	85.6980, 14.9389, 15.1739
Hunter-Lab	29.4126, 15.2800, -14.9157

# Details

The Hex color **674774** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **547447**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **9B78A8**, and **371A44** is the 20% darker color. If you saturate the color by 10%, you get **643B74**, and if you desaturate by 10%, it is **6A5374**.

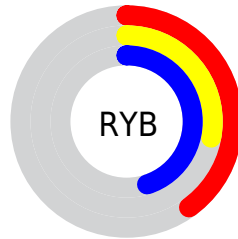
# Distribution



Red (40%)

Green (28%)

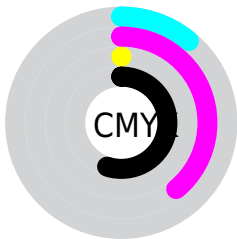
Blue (45%)



Red (40%)

Yellow (28%)

Blue (45%)

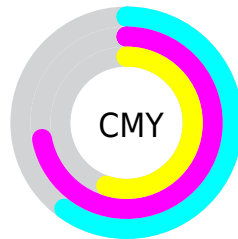


Cyan (11%)

Magenta (39%)

Yellow (0%)

Black (55%)



Cyan (60%)

Magenta (72%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 674774 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 674774 by changing the saturation by 10% instead.



674774

674774

FFFFFF

4E305B

9B78A8

371A44

B692C3

21032D

D2ADDF

000018

EEC8FC

000000

FFE4FF

674774

674774

643B74

6A5374

603074

6E5E74

5D2474

716A74

5A1974

747574

560D74

788174

530174

7B8D74

520074

7E9874

82A474

85AF74

# Harmonies

## Analogous

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



445181



674774



7B405E

# Triad

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



674774



6A4E23



005F61

# Complementary

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



674774



547447

# 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.



085F48



674774



535623

# Square

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



674774



7A4530



375C31



005D76

# Rectangle

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



674774



803E4E



375C31



005F59



# Sweetspot

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



674774



918496



475574



49424D



CCCCCC



4D4D4D



# Same Dimension

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



674774



825096



74476B



39353B



57007A



B200FA



# Inverse Universe

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



744754



965064



477450



3B3536



7A0023

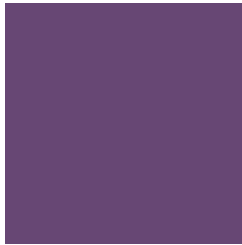


FA0048



# Previews

## White Background



This preview shows how the Hex color 674774 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

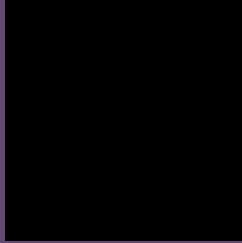
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 674774 Background



This preview shows how black text looks on a background with the Hex color 674774.



This preview shows how white text looks on a background with the Hex color 674774.

# 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**  
674774

**Protanopia**  
45527D

**Deuteranopia**  
4A5272



**Tritanopia**  
624E54

# Trichromacy



**Original Color**  
674774

**Protanomaly**  
514E7A

**Deuteranomaly**  
554E73

**Tritanomaly**  
644B60

# Monochromacy



**Original Color**  
674774

**Achromatopsia**  
565656

**Achromatomaly**  
5C5161

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 674774 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 #674774 looks like.

```
.text, #text, p{  
    color:#674774  
}
```

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 #674774 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #674774
}
```

## Border

The CSS property to change the border of an element to Hex 674774 is called "border". The border property can be set on classes, ids or directly on the HTML element.

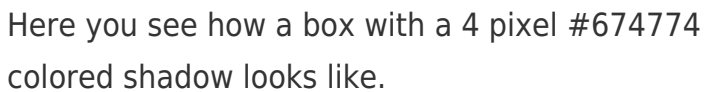
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#674774 }
```

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

```
.border{ border-color:#674774 }
```

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



Here you see how a box with a 4 pixel #674774 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #674774; -webkit-box-shadow:4px 4px  
4px 4px #674774; box-shadow:4px 4px 4px  
4px #674774 }
```

# Background

The CSS property to change the background color of an element to Hex 674774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#674774 }
```

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

```
.background{ background-color:#674774 }
```

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